

# *Video Cassette Recorder*

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Operating Instructions



**SHOWVIEW®**

*SLV-SE510B*

## WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

Mains lead must only be changed at a qualified service shop.

## Precautions

### Safety

- This unit operates on 220 – 240 V AC, 50 Hz. Check that the unit's operating voltage is identical with your local power supply.
- If anything falls into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- The unit is not disconnected from the mains as long as it is connected to the mains, even if the unit itself has been turned off.
- Unplug the unit from the wall outlet if you do not intend to use it for an extended period of time. To disconnect the cord, pull it out by the plug, never by the cord.

### Installing

- Allow adequate air circulation to prevent internal heat buildup.
- Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation slots.
- Do not install the unit near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.
- Do not install the unit in an inclined position. It is designed to be operated in a horizontal position only.
- Keep the unit and cassettes away from equipment with strong magnets, such as microwave ovens or large loudspeakers.
- Do not place heavy objects on the unit.
- If the unit is brought directly from a cold to a warm location, moisture may condense inside the VCR and cause damage to the video head and tape. When you first install the unit, or when you move it from a cold to a warm location, wait for about three hours before operating the unit.

### Caution

Television programmes, films, video tapes and other materials may be copyrighted. Unauthorized recording of such material may be contrary to the provisions of the copyright laws. Also, use of this recorder with cable television transmission may require authorization from the cable television transmitter and/or programme owner.

## Compatible colour systems

- This VCR is designed to record using the PAL (B/G) and SECAM colour systems and play back using the PAL (B/G) and SECAM colour systems. Recording of video sources based on other colour systems cannot be guaranteed.
- Tapes recorded with the MESECAM colour system can be played back on this VCR using a TV or a colour monitor supporting the SECAM colour system.

SHOWVIEW is a registered trademark of Gemstar Development Corporation. The SHOWVIEW system is manufactured under license from Gemstar Development Corporation.

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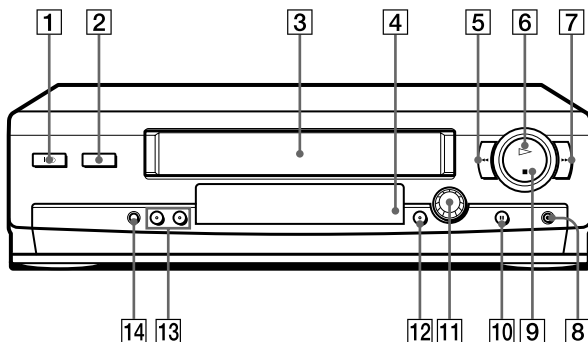
## Back Cover

Quick Start Guide

# Index to parts and controls

Refer to the pages indicated in parentheses ( ) for details.

## Front panel



**1** I/⏻ (marche/veille) switch (17)

**2** ≡ (eject) button (40)

**3** Tape compartment

**4** Remote sensor (10)

**5** ◀◀ (rewind) button (40) (57)

**6** ▷ (play) button (40) (57)

**7** ▶▶ (fast-forward) button (40) (57)

**8** ● ENR (record) button (42) (58) (72)

**9** ■ (stop) button (40) (72)

**10** ■■ (pause) button (40) (72)

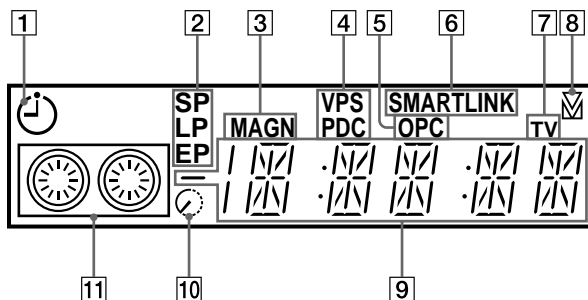
**11** ⊖ PROG (Dial Timer) control (45)

**12** ENR SYNCHRO (Synchronized Recording) button (59)

**13** CHAINE (programme) +/- buttons (18) (57) (66)

**14** REGLAGE AUTO (Auto Set Up)/ REGL CANAL (RF (Radio Frequency) channel) button (17) (20)

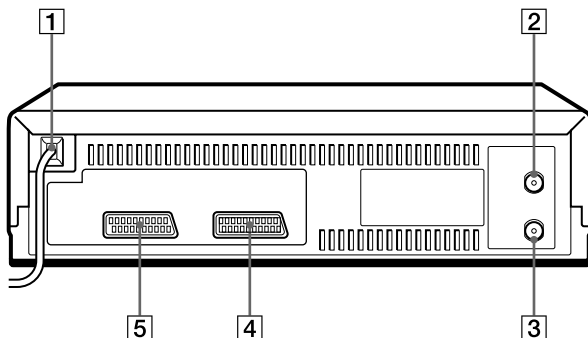
## Display window



- |  |   |
|--|---|
| <b>1</b> Timer indicator (47) (51) (55)  | <b>6</b> SMARTLINK (smartlink) indicator (15)                                   |
| <b>2</b> Tape speed indicators (42)  | <b>7</b> TV indicator (44)  |
| <b>3</b> MAGN (video) indicator (14) (43)  | <b>8</b> Tracking indicator (66)  |
| <b>4</b> VPS (Video Programme System)/<br>PDC (Programme Delivery Control)<br>indicator (52) | <b>9</b> Time counter/clock/line/programme<br>position indicator (41) (42) (72) |
| <b>5</b> OPC (Optimum Picture Control)<br>indicator (66)                                     | <b>10</b> Remaining time indicator (43)   |
|  | <b>11</b> Tape/recording indicator (42)   |

continued

## Rear panel



**1** Mains lead (13) (14)

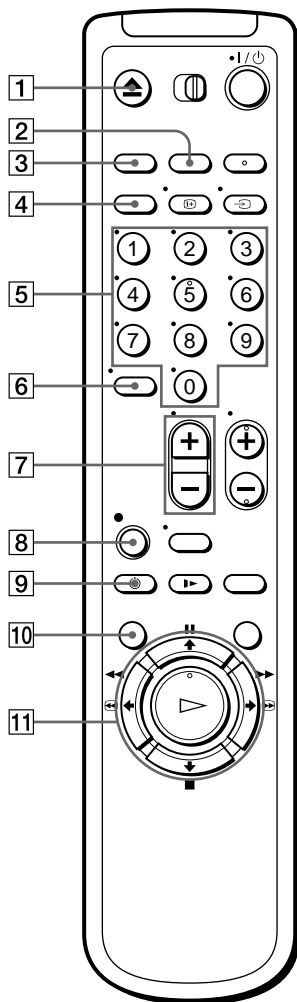
**2** AERIAL IN  
ANTENNE ENTREE connector  
(13) (14)

**3** AERIAL OUT  
ANTENNE SORTIE connector  
(13) (14)

**4** DECODER/↻ LINE-2 IN  
DECODEUR/↻ ENTREE LIGNE-  
2 connector (16) (36) (59) (71)

**5** ↻ LINE-1 (TV)  
↻ LIGNE-1 (TV) connector (14)  
(36)

## Remote commander



**1** ▲ EJECT (eject) button (40)

**2** COMPT/DUREE REST (counter/remain) button (43)

**3** ANNUL/0 (clear) button (41) (50) (61)

**4** SP (Standard Play)/LP (Long Play) button (42)

**5** Programme number buttons (11) (43)

**6** -/- (ten's digit) button (11) (43)

**7** ∆ (volume) +/- buttons (*for TV*) (11)

**8** ● ENR (record) button (42) (58)

**9** ⌚ MINUTERIE (timer) button (50) (54)

**10** MENU (menu) button (21) (61)

**11** || PAUSE (pause)/↑ button (21) (40)

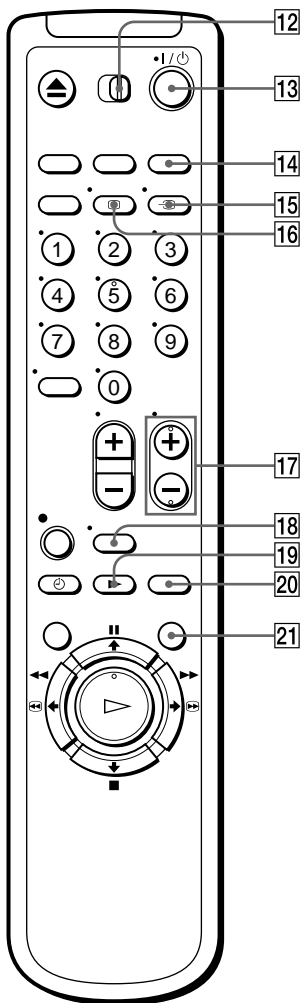
■ STOP (stop)/↓ button (21) (40)

◀◀ RET (rewind)/← button (40) (57)

▶▶ AV (fast-forward)/→ button (40) (57)

▷ LECTURE/OK button (21) (40)

continued



**12** TV / MAGN (TV/video) remote control switch (10)

**13** I/⏻ (on/standby) switch (11) (51)

**14** CHOIX ENTREE (input select) button (43) (55) (72)

**15** TV/MAGN (TV/video) button (11) (14) (43)

**16** AFFICH (display) button (43)

**17** CHAINE (programme) +/- buttons (11) (23) (42)

**18** WIDE button (*for TV*) (11)

**19** RALENTI (slow) button (57)

**20** x2 button (57)

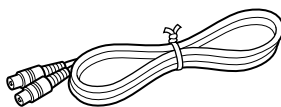
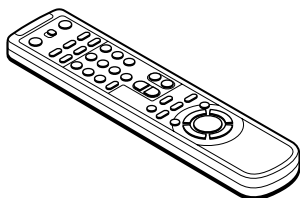
**21** ACCES SMART button (63)



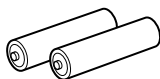
# Step 1 : Unpacking

Check that you have received the following items with the VCR:

- Remote commander
- Aerial cable



- R6 (size AA) batteries

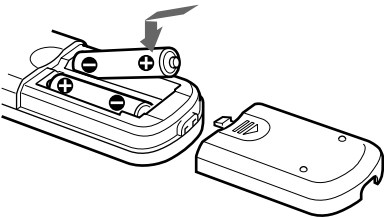


# Step 2 : Setting up the remote commander


## Inserting the batteries

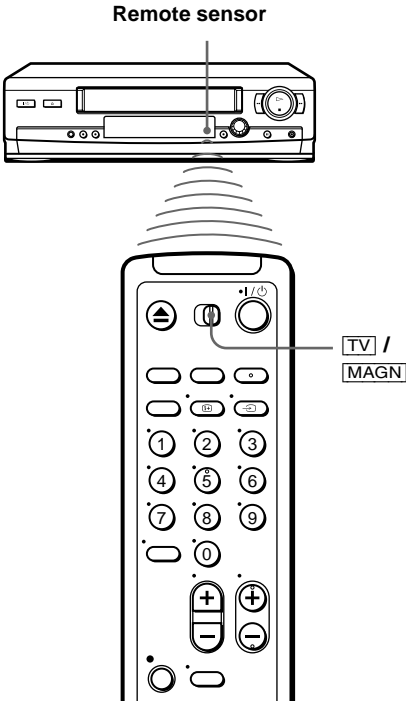
Insert two R6 (size AA) batteries by matching the + and – on the batteries to the diagram inside the battery compartment.

Insert the negative (–) end first, then push in and down until the positive (+) end clicks into position.

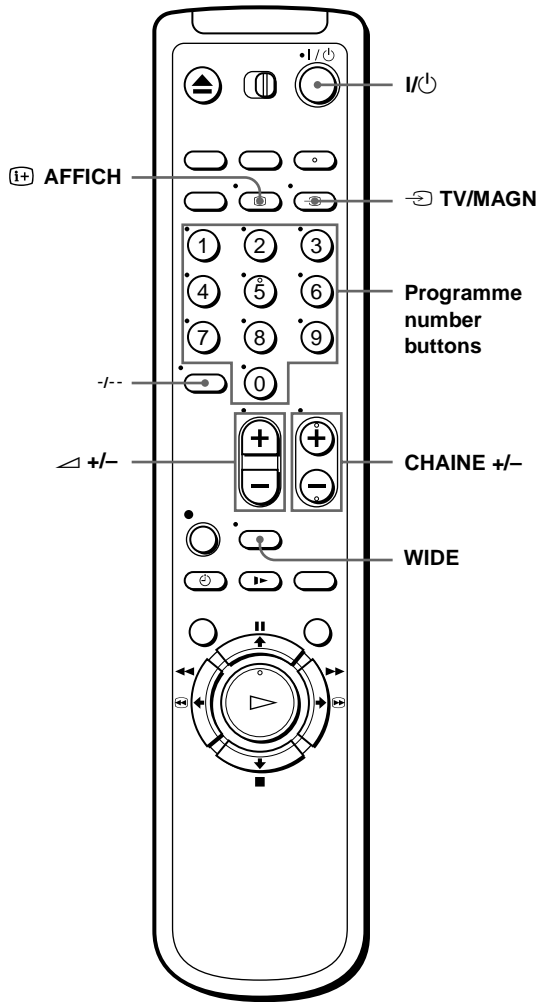


## Using the remote commander

You can use this remote commander to operate this VCR and a Sony TV. Buttons on the remote commander marked with a dot (•) can be used to operate your Sony TV. If the TV does not have the  symbol near the remote sensor, this remote commander will not operate the TV.



To operate	Set <span>TV</span> / <span>MAGN</span> to
the VCR	<span>MAGN</span> and point at the remote sensor at the VCR
a Sony TV	<span>TV</span> and point at the remote sensor at the TV



## TV control buttons

To	Press
Set the TV to standby mode	I/⏻
Select an input source: aerial in or line in	TV/MAGN
Select the TV's programme position	Programme number buttons, -/-, CHAINED +/-
Adjust the volume of the TV	⏮ +/-
Call up the on-screen display	i+ AFFICH
Switch to/from wide mode of a Sony wide TV	WIDE

continued

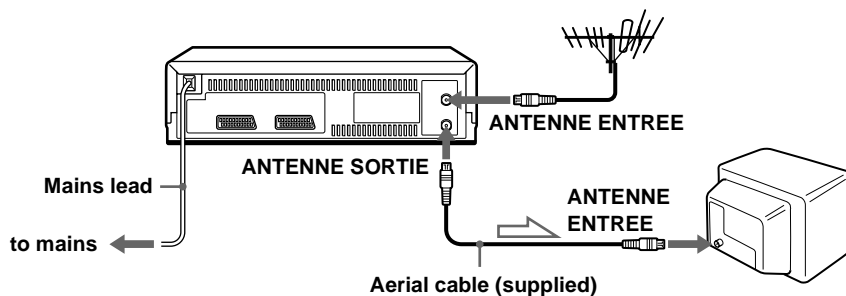
**Notes**

- With normal use, the batteries should last about three to six months.
- If you do not use the remote commander for an extended period of time, remove the batteries to avoid possible damage from battery leakage.
- Do not use a new battery together with an old one.
- Do not use different types of batteries together.
- Some buttons may not work with certain Sony TVs.

## Step 3 : Connecting the VCR

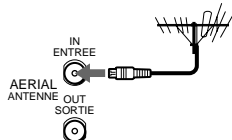
If your TV has a PERITEL connector, see page 14.

**If your TV does not have a PERITEL connector**



 : Signal flow

- 1 Disconnect the aerial cable from your TV and connect it to ANTENNE ENTREE on the rear panel of the VCR.



- 2 Connect ANTENNE SORTIE of the VCR and the aerial input of your TV using the supplied aerial cable.

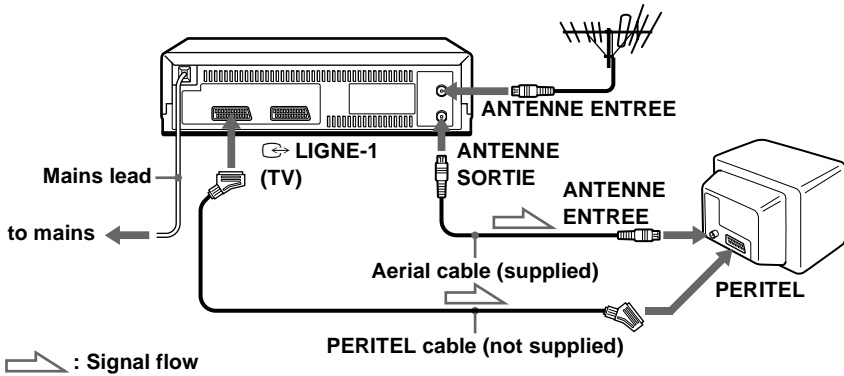


- 3 Connect the mains lead to the mains.

### Note

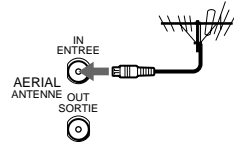
- When you connect the VCR and your TV only with an aerial cable, you have to tune your TV to the VCR (see page 17).

## If your TV has a PERITEL connector



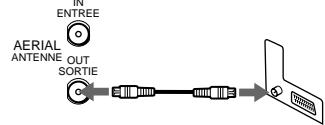
1

Disconnect the aerial cable from your TV and connect it to ANTENNE ENTREE on the rear panel of the VCR.



2

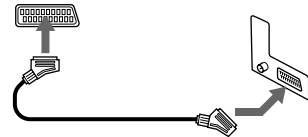
Connect ANTENNE SORTIE of the VCR and the aerial input of your TV using the supplied aerial cable.



3

Connect LIGNE-1 (TV) on the VCR and the PERITEL connector on the TV with the optional PERITEL cable.

This connection improves picture and sound quality. Whenever you want to watch the VCR picture, press TV/MAGN to display the MAGN indicator in the display window.



4

Connect the mains lead to the mains.

### Note

- If the TV is connected to the LIGNE-1 (TV) connector, setting the RF channel to OFF is recommended. In the OFF position, only the signal from the aerial is output through the ANTENNE SORTIE connector (see page 19).

## About the SMARTLINK features

If the connected TV complies with SMARTLINK, MEGALOGIC<sup>\*1</sup>, EASYLINK<sup>\*2</sup>, Q-Link<sup>\*3</sup>, EURO VIEW LINK<sup>\*4</sup>, or T-V LINK<sup>\*5</sup>,



this VCR automatically runs the SMARTLINK function after you complete the steps on the previous page (the SMARTLINK indicator appears in the VCR's display window when you turn on the TV). You can enjoy the following SMARTLINK features.

- **Preset Download**

You can download your TV tuner preset data to this VCR and tune the VCR according to that data in Auto Set Up. This greatly simplifies the Auto Set Up procedure. Be careful not to disconnect the cables or exit the Auto Set Up function during the procedure.

See "Setting up the VCR with the Auto Set Up function" on page 20.

- **TV Direct Rec**

You can easily record what you are watching on the TV. For details, see "Recording what you are watching on the TV (TV Direct Rec)" on page 44.


- **One Touch Play**

With One Touch Play, you can start playback automatically without turning on the TV. For details, see "Starting playback automatically with one button (One Touch Play)" on page 41.

- **One Touch Menu**

You can turn on the VCR and TV, set the TV to the video channel, and display the VCR's on-screen display automatically by pressing MENU on the remote commander.

- **One Touch Timer**

You can turn on the VCR and TV, set the TV to the video channel, and display the timer recording menu (the METHODE DE PROGRAMMATION menu, the MINUTERIE menu, or the SHOWVIEW menu) automatically by pressing  MINUTERIE on the remote commander.

You can set which timer recording menu is displayed using OPTIONS PROGRAMM. in the OPTIONS-2 menu (see page 70).

- **Automatic Power Off**

You can have the VCR turn off automatically, if the VCR is not used after you turn off the TV.

<sup>\*1</sup> "MEGALOGIC" is a registered trademark of Grundig Corporation.

<sup>\*2</sup> "EASYLINK" is a trademark of Philips Corporation.

<sup>\*3</sup> "Q-Link" is a trademark of Panasonic Corporation.

<sup>\*4</sup> "EURO VIEW LINK" is a trademark of Toshiba Corporation.

<sup>\*5</sup> "T-V LINK" is a trademark of JVC Corporation.

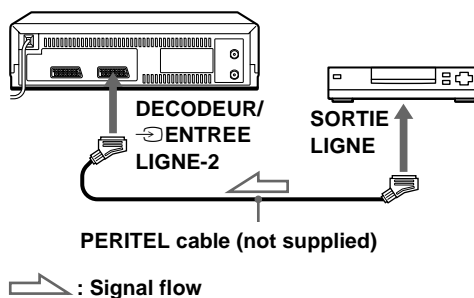
### Note

- Not all TVs respond to the functions above.

## Additional connection

### To a satellite or digital tuner with Line Through

Using the Line Through function, you can watch programmes from a satellite or digital tuner connected to this VCR on the TV even when the VCR is turned off. When you turn on the satellite or digital tuner, this VCR automatically sends the signal from the satellite or digital tuner to the TV without turning itself on.



- 1** Connect the satellite or digital tuner to the DECODEUR/ENTREE LIGNE-2 connector as shown above.
- 2** Set DECODEUR/ENTREE LIGNE-2 to LIGNE 2 in the OPTIONS-2 menu.
- 3** Set VEILLE ECO to NON in the OPTIONS-2 menu.
- 4** Turn off the VCR.  
To watch a programme, turn on the satellite or digital tuner and the TV.

### Note

- You cannot watch programmes on the TV while recording unless you are recording a satellite or digital programme.

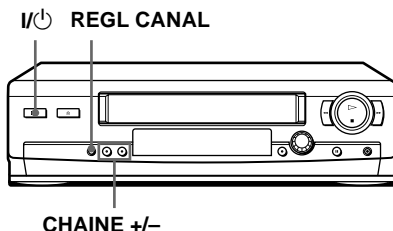


## Step 4 : Tuning your TV to the VCR

If your TV has a PERITEL connector, see page 19.

### If your TV does not have a PERITEL connector

Follow the steps below so that your TV will properly receive the video signals from your VCR.



# 1



Press **I/⏻** (marche/veille) to turn on the VCR.

# 2

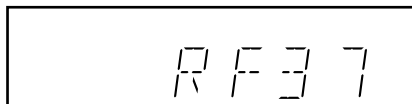
REGLAGE AUTO



REGL CANAL

Press **REGL CANAL** on the VCR lightly.

The factory-preset RF channel appears in the display window.  
The VCR signal is output through this channel to the TV.



# 3

Turn on your TV and select a programme position for the VCR picture.

This programme position will now be referred to as the video channel.

# 4

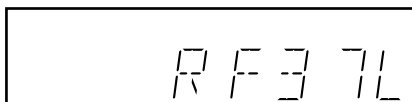
REGLAGE AUTO





REGL CANAL

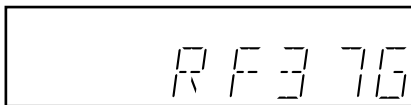
Press **REGL CANAL**.

The TV system appears in the display window.



**continued**

- 
- 5**    - CHAINE +    Press CHAINE +/- (repeatedly) to select the appropriate TV system for your area.
-      Select "L" for the L TV system (SECAM), or "G" for the B/G TV system (PAL).

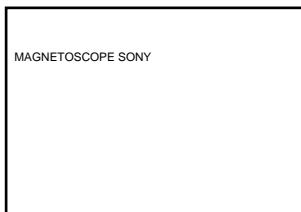


- 
- 6**    Tune the TV to the same channel shown in the VCR display window so that the picture on the right appears clearly on the TV screen.

Refer to your TV manual for TV tuning instructions.

If you select the wrong TV system in step 5, the picture on the right may not appear. Select the appropriate TV system and tune the TV again.

If the picture does not appear clearly, see "To obtain a clear picture from the VCR" below.



- 
- 7**    REGLAGE AUTO    Press REGL CANAL.



REGL CANAL

You have now tuned your TV to the VCR. Whenever you want to play a tape, set the TV to the video channel.

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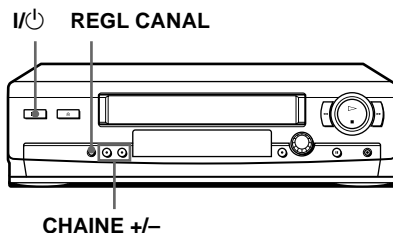
### To check to see if the TV tuning is correct

Set the TV to the video channel and press CHAINE +/- on the VCR. If the TV screen changes to a different programme each time you press CHAINE +/-, the TV tuning is correct.

### To obtain a clear picture from the VCR

If the screen does not appear clearly in step 6 above, go to step 7 to finish this procedure once. Then start again from step 2. After pressing REGL CANAL in step 2, press CHAINE +/- while the RF channel is displayed, so that another RF channel appears. Then tune the TV to the new RF channel so that a clear picture appears.

## If your TV has a PERITEL connector



- 1** Press I/⏻ (marche/veille) to turn on the VCR.

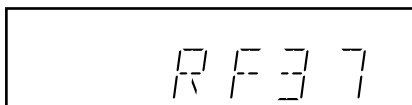


- 2** REGLAGE AUTO Press REGL CANAL on the VCR lightly.



REGL CANAL

The factory-preset RF channel appears in the display window.  
The VCR signal is output through this channel to the TV.



- 3** - CHAINE + Press CHAINE +/- to set the RF channel to OFF, and press REGL CANAL again.



REGLAGE AUTO



REGL CANAL

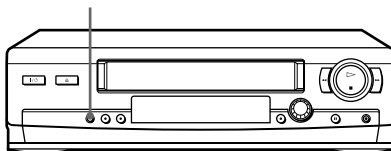
RF channel set up is complete.



## Step 5 : Setting up the VCR with the Auto Set Up function

Before using the VCR for the first time, set up the VCR using the Auto Set Up function. With this function, you can set the TV channels, guide channels for the ShowView system, and VCR clock automatically.

### REGLAGE AUTO

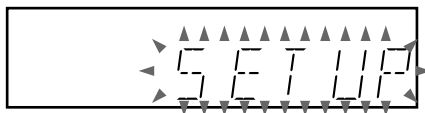


**REGLAGE AUTO** Hold down REGLAGE AUTO on the VCR for more than three seconds.



The VCR automatically turns on, starts searching for all of the receivable channels, and presets them in the appropriate order for your local area (according to the TV system you selected in “Tuning your TV to the VCR”).

If you want to change the order of the channels or disable unwanted programme positions, see “Changing/disabling programme positions” on page 27.



If you use the SMARTLINK connection, the Preset Download function starts and the SMARTLINK indicator flashes in the display window during download.

After the search or download is complete, the current time appears in the display window for any stations that transmit a time signal. If the time does not appear, set the clock manually. See page 32.

### To cancel the Auto Set Up function

Press REGLAGE AUTO.

#### Notes

- Do not cancel the Auto Set Up function. If you do, repeat the steps above.
- The Auto Set Up function may require a long time to complete (approximately 15 to 18 minutes).
- Whenever you operate the Auto Set Up function, some of the settings (ShowView, timer, etc.) will be reset. If this happens, you have to set them again.

# Selecting a language

If you prefer an on-screen language other than French, use the on-screen display to select another language.

## Before you start...

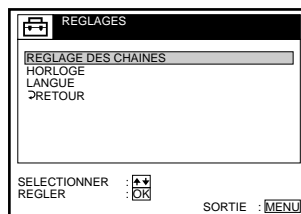
- Turn on the VCR and the TV.
- Set the TV to the video channel.
- Refer to “Index to parts and controls” for button locations.

1

MENU



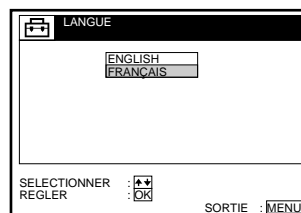
Press MENU, then press **↑/↓** to highlight REGLAGES and press OK.



2



Press **↑/↓** to highlight LANGUAGE, then press OK.



3



Press **↑/↓** to highlight the desired language, then press OK.

4

MENU



Press MENU to exit the menu.

### Tip

- If you want to return to the previous menu, highlight RETOUR and press OK.

### Note

- The menu disappears automatically if you don't proceed for more than a few minutes.

# Presetting channels

If some channels could not be preset using the Auto Set Up function, you can preset them manually.

## Before you start...

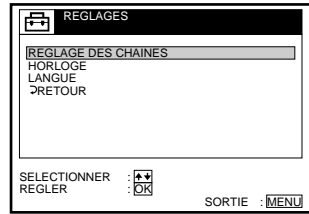
- Turn on the VCR and the TV.
- Set the TV to the video channel.
- Refer to "Index to parts and controls" for button locations.

1

MENU



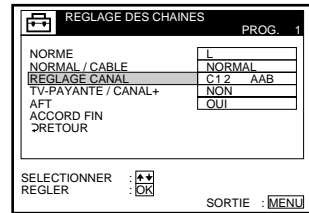
Press MENU, then press **↑/↓** to highlight REGLAGES and press OK.



2



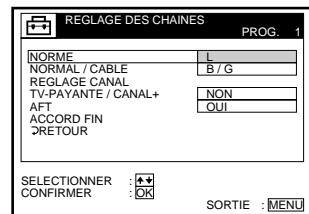
Press **↑/↓** to highlight REGLAGE DES CHAINES, then press OK.



3



Press **↑/↓** to highlight NORME, then press OK.

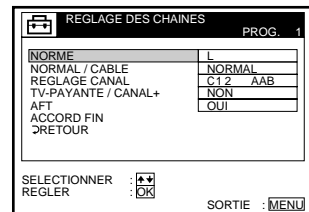


4



Press **↑/↓** to highlight L or B/G, then press OK.

- To receive broadcasts in France, highlight L.
- To receive broadcasts using the PAL system (for example, in Germany or Switzerland), highlight B/G.



5



Press **↑/↓** to highlight **NORMAL/**  
**CABLE**, then press **OK**.

REGLAGE DES CHAINES		PROG. 1
NORME		
NORMAL / CABLE		NORMAL
REGLAGE CANAL		CABLE
TV-PAYANTE / CANAL+		
AFT		OUI
ACCORD FIN		
RETOUR		

SELECTIONNER : **↑/↓**  
CONFIRMER : **OK**

SORTIE : **MENU**

6



Press **↑/↓** to highlight **NORMAL**,  
then press **OK**.

To preset CATV (Cable Television)  
channels, select **CABLE**.

REGLAGE DES CHAINES		PROG. 1
NORME		
NORMAL / CABLE		L
REGLAGE CANAL		NORMAL
TV-PAYANTE / CANAL+		C12 AAB
AFT		NON
ACCORD FIN		OUI
RETOUR		

SELECTIONNER : **↑/↓**  
REGLER : **OK**

SORTIE : **MENU**

7

• CHAINE



Press **CHAINE +/-** to select the  
programme position.

**Selected programme position**

REGLAGE DES CHAINES		PROG. 4
NORME		
NORMAL / CABLE		L
REGLAGE CANAL		NORMAL
TV-PAYANTE / CANAL+		C12 AAB
AFT		NON
ACCORD FIN		OUI
RETOUR		

SELECTIONNER : **↑/↓**  
REGLER : **OK**

SORTIE : **MENU**

8



Press **↑/↓** to highlight **REGLAGE**  
**CANAL**, then press **OK**.

REGLAGE DES CHAINES		PROG. 4
NORME		
NORMAL / CABLE		L
REGLAGE CANAL		C12 AAB
TV-PAYANTE / CANAL+		
AFT		OUI
ACCORD FIN		
RETOUR		

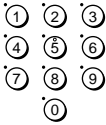
SELECTIONNER : **↑/↓**  
CONFIRMER : **OK**

SORTIE : **MENU**

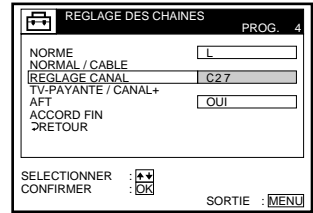
9



Press **↑/↓** repeatedly until the channel you want is displayed.  
The channels appear in the following order:



Channel coverage	System L	System B/G
VHF	F2 - F10	E2 - E12 Italian channels A - H
UHF	F21 - F69	E21 - E69
CATV (TV distribution)	B - Q	S01 - S05, S1 - S20
HYPER	S21 - S41	S21 - S41



If you know the number of the channel you want, press the programme number buttons. For example, for channel 5, first press “0” and then press “5.”

10

To preset another programme position, repeat steps 7 through 9.

11



Press MENU to exit the menu.

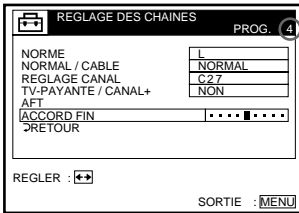


## If the picture is not clear

Normally, the Auto Fine Tuning (AFT) function automatically tunes in channels clearly. However, if the picture is not clear, you may also use the manual tuning function.

- 1** Press CHAINE +/- or the programme number buttons to select the programme position for which you cannot obtain a clear picture.
- 2** Press MENU, then select REGLAGES and press OK.
- 3** Select REGLAGE DES CHAINES, then press OK.
- 4** Select ACCORD FIN, then press OK.

The fine tuning meter appears.



Selected programme position

- 5** Press ←/→ to get a clearer picture, then press MENU to exit the menu.  
Note that the AFT (Auto Fine Tuning) setting switches to NON.

## Tuning the French CATV channels

This VCR can scan the CATV channels B to Q and the HYPER frequency channels S21 to S41. On the REGLAGE DES CHAINES menu, the channels are indicated by S01 to S44 REGLAGE CANAL numbers respectively. For example, channel B is indicated by REGLAGE CANAL number S01 and channel Q by REGLAGE CANAL number S23. (See the table below.)

If the CATV channel you want to preset is indicated by its frequency (for example, 152.75 MHz), refer to the table below to find the corresponding channel number. Channel number S05 is for this example.

continued

## Channel system for the French CATV network

Corresponding channel	REGLAGE CANAL number	Receivable frequency range (MHz)
B	S01	116.75–124.75
C	S02	124.75–132.75
D	S03	132.75–140.75
D	S04	140.75–148.75
E	S05	148.75–156.75
F	S06	156.75–164.75
F	S07	164.75–172.75
G	S08	172.75–180.75
H	S09	180.75–188.75
H	S10	188.75–196.75
I	S11	196.75–204.75
J	S12	204.75–212.75
J	S13	212.75–220.75
K	S14	220.75–228.75
L	S15	228.75–236.75
L	S16	236.75–244.75
M	S17	244.75–252.75
N	S18	252.75–260.75
N	S19	260.75–268.75
O	S20	268.75–276.75
P	S21	276.75–284.75
P	S22	284.75–292.75
Q	S23	292.75–300.75

Corresponding channel	REGLAGE CANAL number	Receivable frequency range (MHz)
S21	S24	299.25–307.25
S22	S25	307.25–315.25
S23	S26	315.25–323.25
S24	S27	323.25–331.25
S25	S28	331.25–339.25
S26	S29	339.25–347.25
S27	S30	347.25–355.25
S28	S31	355.25–363.25
S29	S32	363.25–371.25
S30	S33	371.25–379.25
S31	S34	379.25–387.25
S32	S35	387.25–395.25
S33	S36	395.25–403.25
S34	S37	403.25–411.25
S35	S38	411.25–419.25
S36	S39	419.25–427.25
S37	S40	427.25–435.25
S38	S41	435.25–443.25
S39	S42	443.25–451.25
S40	S43	451.25–459.25
S41	S44	459.25–467.25

### Tip

- If you want to return to the previous menu, highlight RETOUR and press OK.

### Notes

- The menu disappears automatically if you don't proceed for more than a few minutes.
- When adjusting ACCORD FIN, the menu may become difficult to read due to interference from the picture being received.

# Changing/disabling programme positions

After setting the channels, you can change the programme positions as you like. If any programme positions are unused or contain unwanted channels, you can disable them.

You can also change the station names. If the station names are not displayed, you can enter them manually.

## Changing programme positions

### Before you start...

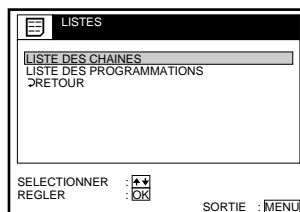
- Turn on the VCR and the TV.
- Set the TV to the video channel.
- Refer to “Index to parts and controls” for button locations.

1

MENU

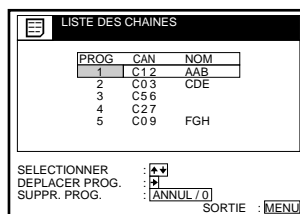


Press MENU, then press **↑/↓** to highlight LISTES and press OK.



2

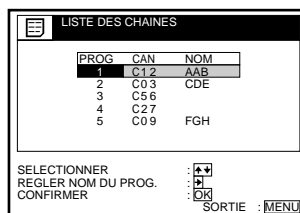
Press **↑/↓** to highlight LISTE DES CHAINES, then press OK.



3

Press **↑/↓** to highlight the row which you want to change the programme position, then press **→**.

To display other pages for programme positions 6 to 60, press **↑/↓** repeatedly.



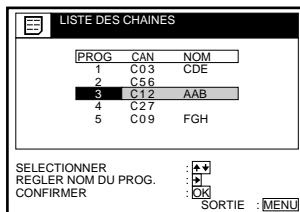
continued

4



Press **↑/↓** until the selected channel row moves to the desired programme position.

The selected channel is inserted at the new programme position and the intermediate channels are displaced to fill the gap.



5



Press **OK** to confirm the setting.

6

To change the programme position of another station, repeat steps 3 through 5.

7



Press **MENU** to exit the menu.

### Tip

- If you want to return to the previous menu, highlight **RETOUR** and press **OK**.

### Note

- The menu disappears automatically if you don't proceed for more than a few minutes.

## Disabling unwanted programme positions

After presetting channels, you can disable unused programme positions. The disabled positions will be skipped later when you press the **CHAINE +/-** buttons.

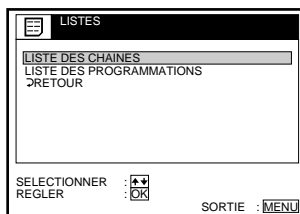
### Before you start...

- Turn on the VCR and the TV.
- Set the TV to the video channel.
- Refer to "Index to parts and controls" for button locations.

1



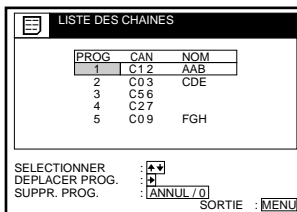
Press **MENU**, then press **↑/↓** to highlight **LISTES**, and press **OK**.



2



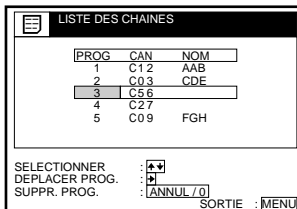
Press **↑/↓** to highlight LISTE DES CHAINES, then press OK.



3



Press **↑/↓** to highlight the row which you want to disable.

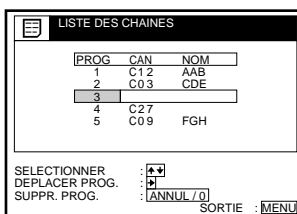


4



Press ANNUL/0.

The selected row will be cleared as shown on the right.



5

Repeat steps 3 and 4 for any other programme positions you want to disable.

6



Press MENU to exit the menu.

### Tip

- If you want to return to the previous menu, highlight RETOUR and press OK.

### Notes

- The menu disappears automatically if you don't proceed for more than a few minutes.
- Be sure to select the programme position you want to disable correctly. If you disable a programme position by mistake, you need to reset that channel manually.

continued

## Changing the station names

You can change or enter the station names (up to 5 characters). The VCR must receive channel information (for instance, SMARTLINK information) for station names to appear automatically.

### Before you start...

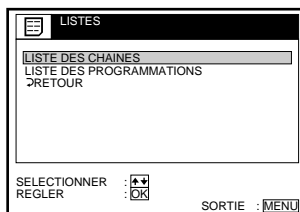
- Turn on the VCR and the TV.
- Set the TV to the video channel.
- Refer to "Index to parts and controls" for button locations.

1

MENU



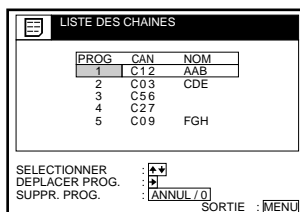
Press MENU, then press **↑/↓** to highlight LISTES and press OK.



2



Press **↑/↓** to highlight LISTE DES CHAINES, then press OK.

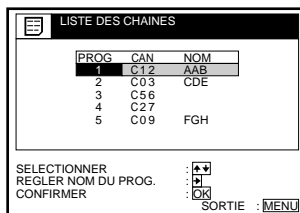


3



Press **↑/↓** to highlight the row which you want to change or enter the station name, then press **→**.

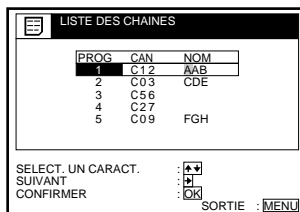
To display other pages for programme positions 6 to 60, press **↑/↓** repeatedly.



4



Press **→**.



5



Enter the station name.

- 1 Press **↑/↓** to select a character.  
Each time you press **↑**, the character changes as shown below.  
**A → B → ... → Z → a → b → ... → z → 0 → 1 → ... → 9 → (symbols) → (blank space) → A**

LISTE DES CHAINES		
PROG	CAN	NOM
1	C12	CAB
2	C03	CDE
3	C56	
4	C27	
5	C09	FGH

SELECT. UN CARACT. : **↑/↓**  
SUIVANT : **→/←**  
CONFIRMER : **OK**  
SORTIE : **MENU**

- 2 Press **→** to set the next character.  
The next space is highlighted.  
To correct a character, press **←/→** until the character you want to correct is highlighted, then reset it.  
You can set up to 5 characters for the station name.

6



Press **OK** to confirm the new name.

7



Press **MENU** to exit the menu.

### Tip

- If you want to return to the previous menu, highlight **RETOUR** and press **OK**.

### Notes

- The menu disappears automatically if you don't proceed for more than a few minutes.
- If you enter a symbol in step 5, it will appear as a blank space in the display window.

# Setting the clock

You must set the time and date on the VCR to use the timer features properly. If the VCR clock was not set in the Auto Set Up procedure, you need to set it manually.

The Auto Clock Set function works only if a station in your area is broadcasting a time signal. If the Auto Set Up function did not set the clock correctly for your local area, try another station for the Auto Clock Set function.

## Setting the clock manually

### Before you start...

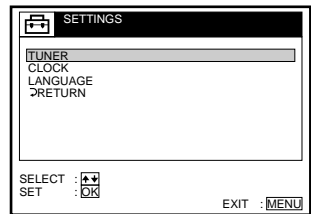
- Turn on the VCR and the TV.
- Set the TV to the video channel.
- Refer to “Index to parts and controls” for button locations.

1

MENU



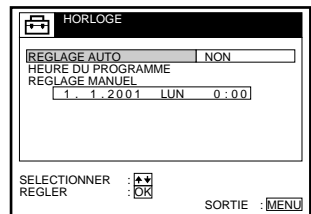
Press MENU, then press **↑/↓** to highlight REGLAGES and press OK.



2



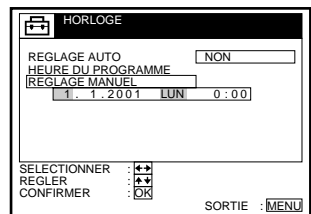
Press **↑/↓** to highlight HORLOGE, then press OK.



3

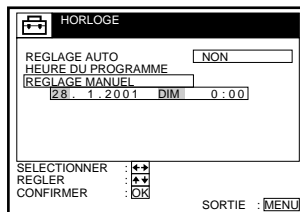


Press **↑/↓** to highlight REGLAGE MANUEL, then press OK.

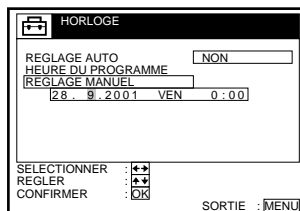




4

Press **↑/↓** to set the day.

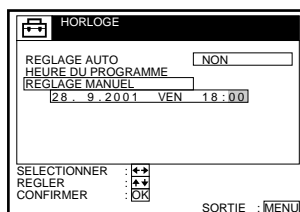
5

Press **→** to highlight the month and set the month pressing **↑/↓**.

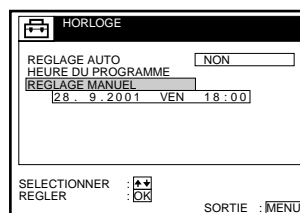
6

Set the year, hour, and minutes in sequence, pressing **→** to highlight the item to be set, and press **↑/↓** to select the digits.

The day of the week is set automatically.



7

Press **OK** to start the clock.

8

MENU

Press **MENU** to exit the menu.

### Tips

- To change the digits while setting, press **←** to return to the item to be changed, and select the digits by pressing **↑/↓**.
- If you want to return to the previous menu, highlight **RETOUR** and press **OK**.

### Note

- The menu disappears automatically if you don't proceed for more than a few minutes.

# Changing the station for the Auto Clock Set function

## Before you start...

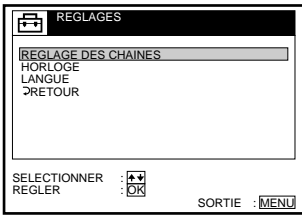
- Turn on the VCR and the TV.
- Set the TV to the video channel.
- Refer to “Index to parts and controls” for button locations.

1

MENU



Press MENU, then press **↑/↓** to highlight REGLAGES and press OK.

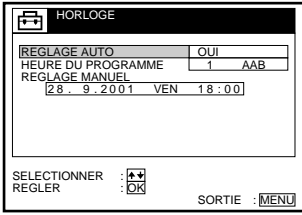


2



Press **↑/↓** to highlight HORLOGE, then press OK.

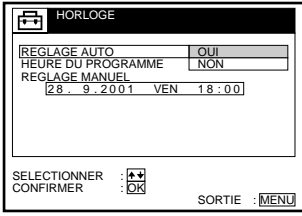
REGLAGE AUTO is highlighted.



3



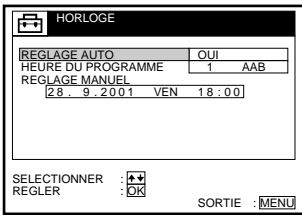
Press OK.



4



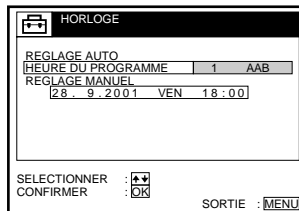
Press **↑/↓** to highlight OUI, then press OK.



5



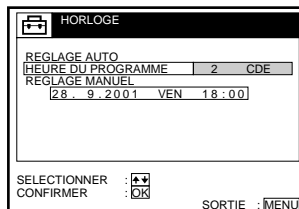
Press **↓** to highlight **HEURE DU PROGRAMME**, then press **OK**.



6



Press **↑/↓** repeatedly until the programme position of the station that carries a time signal appears. If the VCR does not receive a time signal from any station, **REGLAGE AUTO** returns to **NON** automatically.



7

MENU



Press **MENU** to exit the menu.

### Tips

- If you set **REGLAGE AUTO** to **OUI**, the Auto Clock Set function is activated whenever the VCR is turned off. The time is adjusted automatically by making reference to the time signal from the station whose programme position is displayed in the “**HEURE DU PROGRAMME**” row.  
If you do not need the Auto Clock Set, select **NON**.
- If you want to return to the previous menu, highlight **RETOUR** and press **OK**.

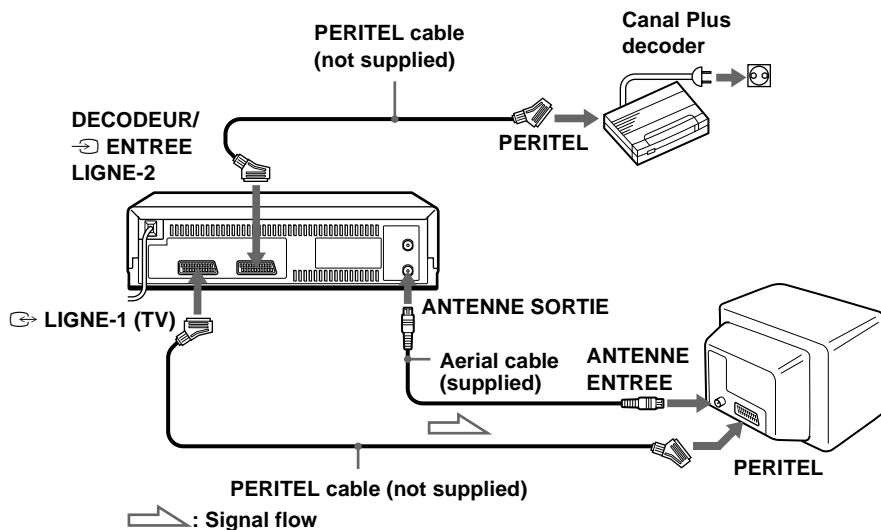
### Note

- The menu disappears automatically if you don't proceed for more than a few minutes.

# Setting the Canal Plus decoder

You can watch or record the Canal Plus programme if you connect a decoder (not supplied) to the VCR.

## Connecting a decoder



## Setting the Canal Plus channel

To watch or record the Canal Plus programme, set your VCR to receive the channel using the on-screen display.

In order to set the channel correctly, be sure to follow all of the steps below.

### Before you start...

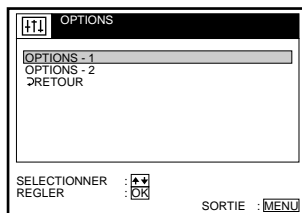
- Turn on the VCR, the TV, and the decoder.
- Set the TV to the video channel.
- Refer to "Index to parts and controls" for button locations.

1

MENU



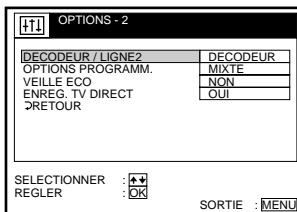
Press MENU, then press **↑/↓** to highlight **OPTIONS** and press OK.



2



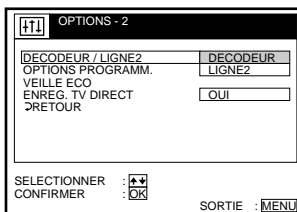
Press **↑/↓** to highlight **OPTIONS-2**, then press **OK**.



3



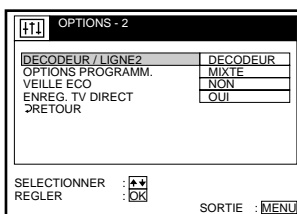
Press **↑/↓** to highlight **DECODEUR/LIGNE2**, then press **OK**.



4



Press **↑/↓** to highlight **DECODEUR**, then press **OK**.



5

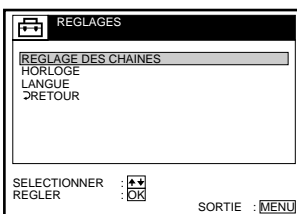


Press **MENU** to exit the menu.  
 The menu disappears from the TV screen.

6



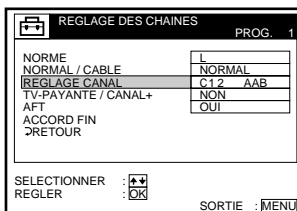
Press **MENU** again. Then press **↑/↓** to highlight **REGLAGES** and press **OK**.



7



Press **↑/↓** to highlight **REGLAGE DES CHAINES**, then press **OK**.



continued

8



Press **↑/↓** to highlight **NORME**, then press **OK**.

REGLAGE DES CHAINES		PROG. 1
NORME	L	
NORMAL / CABLE	B / G	
REGLAGE CANAL		
TV-PAYANTE / CANAL+	NON	
AFT	OUI	
ACCORD FIN		
RETOUR		

SELECTIONNER : **↑/↓**  
CONFIRMER : **OK**

SORTIE : **MENU**

9



Press **↑/↓** to highlight **L** or **B/G**, then press **OK**.

- To receive broadcasts in France, highlight **L**.
- To receive broadcasts using the PAL system (for example, in Germany or Switzerland), highlight **B/G**.

REGLAGE DES CHAINES		PROG. 1
NORME	L	
NORMAL / CABLE	NORMAL	
REGLAGE CANAL	C12 AAB	
TV-PAYANTE / CANAL+	NON	
AFT	OUI	
ACCORD FIN		
RETOUR		

SELECTIONNER : **↑/↓**  
REGLER : **OK**

SORTIE : **MENU**

10



Press **↑/↓** to highlight **NORMAL / CABLE**, then press **OK**.

REGLAGE DES CHAINES		PROG. 1
NORME		
NORMAL / CABLE	NORMAL	
REGLAGE CANAL	CABLE	
TV-PAYANTE / CANAL+		
AFT	OUI	
ACCORD FIN		
RETOUR		

SELECTIONNER : **↑/↓**  
CONFIRMER : **OK**

SORTIE : **MENU**

11



Press **↑/↓** to highlight **NORMAL**, then press **OK**.

To preset CATV (Cable Television) channels, select **CABLE**.

REGLAGE DES CHAINES		PROG. 1
NORME	L	
NORMAL / CABLE	NORMAL	
REGLAGE CANAL	C12 AAB	
TV-PAYANTE / CANAL+	NON	
AFT	OUI	
ACCORD FIN		
RETOUR		

SELECTIONNER : **↑/↓**  
REGLER : **OK**

SORTIE : **MENU**

12

• CHAINE



Press **CHAINE +/-** to select the desired programme position.

**Selected programme position**

REGLAGE DES CHAINES		PROG. 15
NORME	L	
NORMAL / CABLE	NORMAL	
REGLAGE CANAL	C12 AAB	
TV-PAYANTE / CANAL+	NON	
AFT	OUI	
ACCORD FIN		
RETOUR		

SELECTIONNER : **↑/↓**  
REGLER : **OK**

SORTIE : **MENU**

13



Press **↑/↓** to highlight REGLAGE CANAL, then press OK.

REGLAGE DES CHAINES		PROG. 15
NORME	L	
NORMAL / CABLE		
REGLAGE CANAL	C12 AAB	
TV-PAYANTE / CANAL+	OUI	
AFT		
ACCORD FIN		
RETOUR		
SELECTIONNER : <b>↑/↓</b>		
CONFIRMER : <b>OK</b>		
SORTIE : <b>MENU</b>		

14



Press **↑/↓** to select the Canal Plus channel, then press OK.

REGLAGE DES CHAINES		PROG. 15
NORME	L	
NORMAL / CABLE	NORMAL	
REGLAGE CANAL	C02 LMN	
TV-PAYANTE / CANAL+	NON	
AFT		
ACCORD FIN	OUI	
RETOUR		
SELECTIONNER : <b>↑/↓</b>		
REGLER : <b>OK</b>		
SORTIE : <b>MENU</b>		

15



Press **↑/↓** to highlight TV-PAYANTE/CANAL+, then press OK.

REGLAGE DES CHAINES		PROG. 15
NORME	L	
NORMAL / CABLE	NORMAL	
REGLAGE CANAL	C02 LMN	
TV-PAYANTE / CANAL+	OUI	
AFT	NON	
ACCORD FIN		
RETOUR		
SELECTIONNER : <b>↑/↓</b>		
CONFIRMER : <b>OK</b>		
SORTIE : <b>MENU</b>		

16



Press **↑/↓** to highlight OUI, then press OK.

REGLAGE DES CHAINES		PROG. 15
NORME	L	
NORMAL / CABLE	NORMAL	
REGLAGE CANAL	C02 LMN	
TV-PAYANTE / CANAL+	OUI	
AFT	OUI	
ACCORD FIN		
RETOUR		
SELECTIONNER : <b>↑/↓</b>		
REGLER : <b>OK</b>		
SORTIE : <b>MENU</b>		

17

MENU



Press MENU to exit the menu.

### Tip

- If you want to return to the previous menu, highlight RETOUR and press OK.

### Notes

- The menu disappears automatically if you don't proceed for more than a few minutes.
- To superimpose subtitles while watching the Canal Plus programme, make both decoder-VCR and VCR-TV connections using 21-pin PERITEL cables that are compatible with the RGB signals. You cannot record subtitles on the VCR.
- When you watch the Canal Plus programme through the RFU input of the TV, press **TV/MAGN** so that the MAGN indicator appears in the display window.

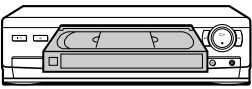
# Playing a tape


**Before you start...**

- Refer to “Index to parts and controls” for button locations.

**1** Turn on your TV and set it to the video channel.







**2** Insert a tape.  
The VCR turns on and starts playing automatically if you insert a tape with its safety tab removed.



**3** Press  LECTURE.  
When the tape reaches the end, it will rewind automatically.



**Additional tasks**

To	Press
Stop play	■ STOP
Pause play	PAUSE
Resume play after pause	PAUSE or  LECTURE
Fast-forward the tape	  AV during stop
Rewind the tape	  RET during stop
Eject the tape	 EJECT

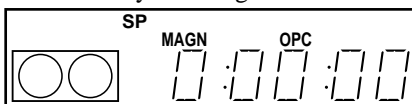
**To set the colour system**

If the playback picture has no colour, or streaks appear during playback, set the STANDARD COULEUR option in the OPTIONS-1 menu to conform to the system that the tape was recorded in (see page 70). (Normally set the option to AUTO).



## To use the time counter

Press ANNUL/0 at the point on the tape that you want to find later. The counter in the display window resets to “0:00:00.” Search for the point afterwards by referring to the counter.



To display the counter on the TV screen, press **[+]** AFFICH.

### Notes

- The counter resets to “0:00:00” whenever a tape is reinserted.
- The counter stops counting when it comes to a portion with no recording.
- The time counter does not appear on the TV screen when using an NTSC-recorded tape.
- Depending on your TV, the following may occur while playing an NTSC-recorded tape:
  - The picture becomes black and white.
  - The picture shakes.
  - No picture appears on the TV screen.
  - Black streaks appear horizontally on the TV screen.
  - The colour density increases or decreases.
- While setting the menu on the TV screen, buttons for playback on the remote commander do not function.

## Starting playback automatically with one button (One Touch Play)

If you use the SMARTLINK connection, you can turn on the VCR and the TV, set the TV to the video channel, and start playback automatically with one button.

### 1 Insert a tape.

The VCR automatically turns on.

If you insert a tape with its safety tab removed, the TV turns on and switches to the video channel. Playback starts automatically.

### 2 Press **[▶]** LECTURE.

The TV turns on and switches to the video channel automatically. Playback starts.

### Tip

- When there already is a tape in the VCR, the VCR and the TV turn on, the TV is set to the video channel, and playback starts automatically in one sequence when you press **[▶]** LECTURE.

### Note

- When you use the One Touch Play function, leave the TV on or in the standby mode.

**continued**

# Recording TV programmes

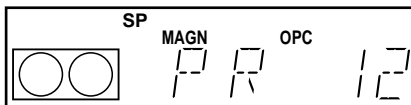
## Before you start...

- Refer to “Index to parts and controls” for button locations.

**1** Turn on your TV and set it to the video channel.  
To record from a decoder, turn it on.

**2** Insert a tape with its safety tab in place.

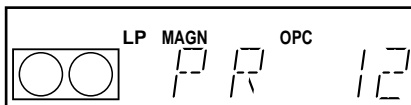
**3** • CHAINE Press CHAINE +/- to select the programme position or station name you want to record.



**4** Press SP/LP to select the tape speed, SP or LP.



LP (Long Play) provides recording time twice as long as SP.  
However, SP (Standard Play) produces better picture and audio quality.

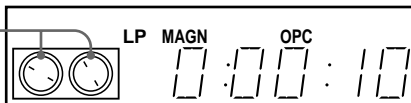


**5** Press ● ENR to start recording.



The recording indicator lights up red in the display window.


Recording indicator

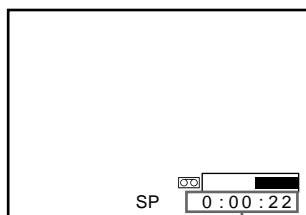


## To stop recording

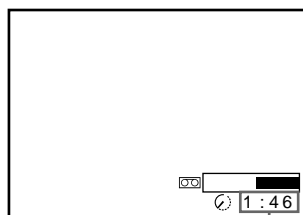
Press ■ STOP.

## To check the remaining time

Press **[+]** AFFICH. With the display on, press COMPT/DUREE REST to check the remaining time. Each time you press COMPT/DUREE REST, the time counter and the remaining time appear alternately. The  indicator indicates the remaining time.



Time counter



Remaining time

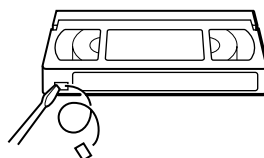
In order to get an accurate remaining time indication, be sure DUREE CASSETTE in the OPTIONS-1 menu is set according to the tape type you use (see page 70).

## To watch another TV programme while recording

- 1 Press **[TV/MAGN]** to turn off the MAGN indicator in the display window.
- 2 Select another programme position on the TV.

## To save a recording

To prevent accidental erasure, break off the safety tab as illustrated. To record on the same tape again, cover the tab hole with adhesive tape.





Safety tab

## Tips

- To select a programme position, you can use the programme number buttons on the remote commander. For two-digit numbers, press the **---** (ten's digit) button followed by the programme number buttons.
- If you connect additional equipment to the LIGNE-1 (TV) or ENTREE LIGNE-2 connector, you can select the input signal using the CHOIX ENTREE or CHAINE **+/–** buttons.
- The **[+]** AFFICH information appears on the TV screen indicating information about the tape, but the information won't be recorded on the tape.
- If you don't want to watch TV while recording, you can turn off the TV. When using a decoder, make sure to leave it on.

**continued**


## Notes

- The  AFFICH information does not appear during still (pause) mode or slow-motion playback.
- The  AFFICH information will not appear while playing an NTSC-recorded tape.
- If a tape has portions recorded in both PAL (SECAM, MESECAM) and NTSC systems, the time counter reading will not be correct. This discrepancy is due to the difference between the counting cycles of the two video systems.
- When you insert a non-standard commercially available tape, the remaining time may not be correct.
- The remaining time is intended for rough measurement only.
- About 30 seconds after the tape begins playback, the tape remaining time will be displayed.
- The station name may not appear if the VCR does not receive station name information signals.

## Recording what you are watching on the TV (TV Direct Rec)



If you use the SMARTLINK connection, you can easily record what you are watching on the TV (other than tapes being played on the VCR).

**1** Insert a tape with its safety tab in place.

**2** Press  ENR while you are watching a TV programme or external source.

The VCR automatically turns on, then the TV indicator lights up and the VCR starts recording what you are watching on the TV.

## Tips

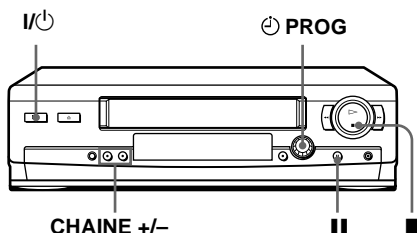
- The TV indicator appears in the display window after you press  ENR in some situations such as:
  - when you are watching a source connected to the TV's line input, or
  - when the TV tuner preset data for the programme position is different from the data in the VCR tuner preset.
- If there is a tape with its safety tab in place in the VCR, the VCR automatically turns on and starts recording what you are watching on the TV when you press  ENR.
- You can turn the TV Direct Rec function OUI and NON in the OPTIONS-2 menu (see page 70).

## Notes

- You cannot record what you are watching using this method when the VCR is in the following modes; pause, timer standby, tuner preset, Auto Set Up, and recording.
- When the TV indicator is lit in the display window, do not turn off the TV nor change the TV programme position. When the TV indicator is not lit, the VCR continues recording the programme even if you change the TV programme position on the TV.

# Recording TV programmes using the Dial Timer

The Dial Timer function allows you to make timer recordings of programmes without turning on your TV. Set the recording timer to record up to eight programmes, including settings made with other timer methods, that will be broadcast within the next month. The recording start time and recording stop time can be set at one minute intervals.



## Before you start...

- Insert a tape with its safety tab in place. Make sure the tape is longer than the total recording time.
- To record from a decoder, turn it on.
- Refer to "Index to parts and controls" for button locations.

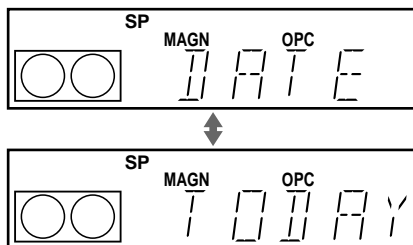
# 1

Press PROG.



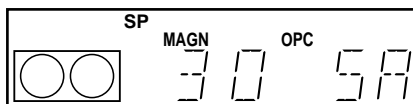
"DATE" and "TODAY" appear alternately in the display window.

If the date and time are not set, "DAY" will appear. See step 2 in the following section, "To set the clock" to set the date and time.



# 2

Turn PROG to set the recording date.

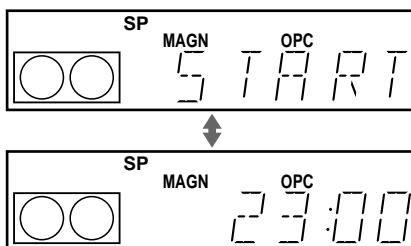


*continued*


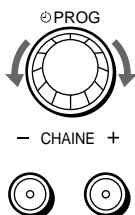
3

Press  PROG.

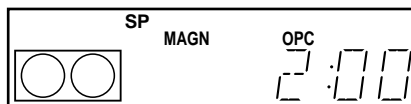
“START” and the current time appear alternately in the display window.



4

Turn  PROG to set the recording start time.

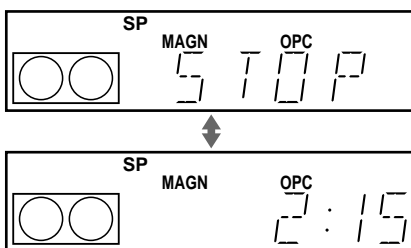
You can set the recording start time in 15 minute intervals or adjust the time in one minute intervals by pressing the CHAINE +/- buttons.




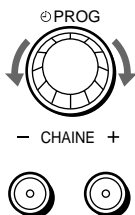
5

Press  PROG.

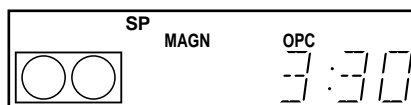
“STOP” and the recording stop time appear alternately in the display window.



6

Turn  PROG to set the recording stop time.

You can set the recording stop time in 15 minute intervals or adjust the time in one minute intervals by pressing the CHAINE +/- buttons.

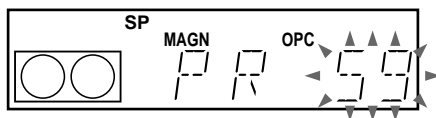


7


Press  PROG.

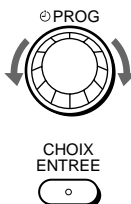



The programme position or station name appears in the display window.

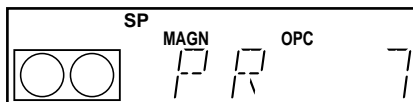


8


Turn  PROG to set the programme position.



To record from a decoder or other source connected to the LIGNE-1 (TV) or ENTREE LIGNE-2 connector, turn  PROG or press CHOIX ENTREE to display “L1” or “L2” in the display window.




9

Press  PROG to complete the setting.



“OK” appears in the display window for about five seconds.


The  indicator appears in the display window and the VCR stands by for recording.

To record from a decoder or other source, leave the connected equipment switched on.




### To return to the previous step

To return to the previous step, press the CHAINE + and – buttons on the VCR at the same time during any of the Dial Timer settings.

### To stop recording

To stop the VCR while recording, press  STOP.

### To use the VCR after setting the timer

To use the VCR before a recording begins, just press . The  indicator turns off and the VCR switches on. Remember to press  to reset the VCR to recording standby after using the VCR.

You can also do the following tasks while the VCR is recording:

- Reset the counter (page 41).
- Display tape information on the TV screen (page 43).
- Check the timer settings (page 61).
- Watch another TV programme (page 43).

**continued**

## To set the clock

- 1** Turn  $\odot$  PROG so that “CLOCK” appears in the display window.
- 2** Press  $\odot$  PROG.  
“DAY” appears in the display window.
- 3** Turn  $\odot$  PROG to set the day.
- 4** Press  $\odot$  PROG.  
“MONTH” appears in the display window.
- 5** Turn and press  $\odot$  PROG to set the month, and then the year.  
After you set the year, “CLOCK” appears in the display window again.
- 6** Turn and press  $\odot$  PROG to set the hour and minute.
- 7** When you have finished setting the time, press  $\odot$  PROG to start the clock.

## Tips

- To cancel a Dial Timer setting, press ■ (stop) on the VCR while you are making the setting.
- The programme is recorded in the current tape speed mode. To change the tape speed, press SP/LP before you complete the setting in step 9.
- When you are recording a programme in the SP mode and the remaining tape becomes shorter than the recording time, the tape speed is automatically changed to the LP mode. Note that some interference will appear on the picture at the point the tape speed is changed. If you want to keep the same tape speed, set VITESSE AUTO. to NON in the OPTIONS-1 menu (page 69).
- To check, change, or cancel the programme setting, see “Checking/changing/cancelling timer settings” (page 61).

## Notes

- If eight programmes have already been set using the ShowView system or the MINUTERIE menu, “FULL” appears in the display window for about five seconds.
- The  $\odot$  indicator flashes in the display window when you complete the setting in step 9 with no tape inserted.
- If you set the clock using the Auto Clock Set function and REGLAGE AUTO is set to OUI, the clock will adjust itself to the incoming time signal regardless of adjustments made with the Dial Timer. Be sure you have set the Auto Clock Set correctly.
- The station name may not appear if the VCR does not receive station name information signals.



## About the Demonstration Mode

The Dial Timer function has a Demonstration Mode that allows the user, such as a salesperson, to enter more than eight examples of timer settings when demonstrating the use of the Dial Timer. It cancels the FULL notice which appears if eight programmes have already been set. Do not use the Demonstration Mode for making timer recordings. Doing so may cause the settings to be inaccurate.

### To activate the Demonstration Mode

Press **||** (pause) on the VCR while turning the **⏻** PROG. “DEMO” appears in the display window for a few seconds.

### To cancel the Demonstration Mode

Turn the power off and unplug the mains lead. Although the Demonstration Mode is cancelled, the timer settings entered while using the Demonstration Mode will remain. Be sure to manually cancel the timer settings before you use the Dial Timer or any other timer method after reconnecting the mains lead (see page 61).

# Recording TV programmes using the ShowView system

The ShowView system is the feature that simplifies programming the VCR to make timer recordings. Just enter the ShowView number listed in the TV programme guide. The date, times, and programme position of that programme are set automatically. You can preset a total of eight programmes, including settings made with other timer methods.

## Before you start...

- Check that the VCR clock is set to the correct time and date.
- Insert a tape with its safety tab in place. Make sure the tape is longer than the total recording time.
- To record from a decoder, turn it on.
- Turn on your TV and set it to the video channel.
- Set OPTIONS PROGRAMM. to SHOWVIEW or MIXTE in the OPTIONS-2 menu (see page 70).
- Refer to “Index to parts and controls” for button locations.

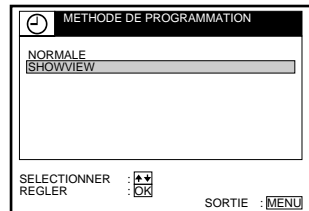
1

MINUTERIE

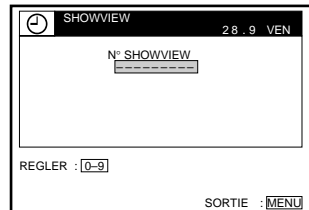


Press MINUTERIE.

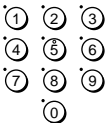
- When you set OPTIONS PROGRAMM. to MIXTE:  
The METHODE DE PROGRAMMATION menu appears on the TV screen. Press / to select SHOWVIEW, then press OK.



- When you set OPTIONS PROGRAMM. to SHOWVIEW:  
The SHOWVIEW menu appears on the TV screen.



2

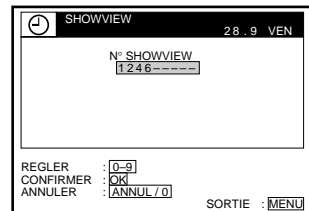


ANNUL/0



Press the programme number buttons to enter the ShowView number.

If you make a mistake, press ANNUL/0 and re-enter the correct number.



3

CHOIX  
ENTREE

ANNUL/0



Press OK.

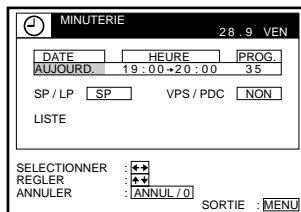
The date, start and stop times, programme position or station name, tape speed, and VPS/PDC setting appear on the TV screen.

If “–” appears in the “PROG.” (programme) column (this may happen for local broadcasts), you have to set the appropriate programme position manually. Press **↑/↓** to select the desired programme position.

To record from a decoder or other source connected to the LIGNE-1 (TV) or ENTREE LIGNE-2 connector, press CHOIX ENTREE to display “L1” or “L2” in the “PROG.” position.

You will only have to do this operation once for the referred channel. The VCR will then store your setting.

If the information is incorrect, press ANNUL/0 to cancel the setting.



4



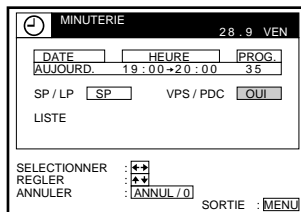
If you want to change the date, tape speed, and the VPS/PDC setting:

1 Press **←/→** to highlight the item you want to change.

2 Press **↑/↓** to reset it.

- To record the same programme every day or the same day every week, see “Daily/weekly recording” on page 52.
- To use the VPS/PDC function, set VPS/PDC to OUI.

For details about the VPS/PDC function, see “Timer recording with VPS/PDC signals” on page 52.



5

MENU



Press MENU to exit the menu.

6

I/⏻

Press **I/⏻** to turn off the VCR.

The **⏻** indicator appears in the display window and the VCR stands by for recording.

To record from a decoder or other source, leave the connected equipment switched on.

### To stop recording

To stop the VCR while recording, press **■ STOP**.

continued

## Daily/weekly recording

In step 4 above, press **↓** to select the recording pattern. Each time you press **↓**, the indication changes as shown below. Press **↑** to change the indication in reverse order.

**AUJOURD.** → **DIM-SAM (Sunday to Saturday)** → **LUN-SAM (Monday to Saturday)** → **LUN-VEN (Monday to Friday)** → **SAM (every Saturday) .....**  
→ **LUN (every Monday)** → **DIM (every Sunday)** → **1 month later** →  
**(dates count down)** → **DEMAIN** → **AUJOURD.**

## Timer recording with VPS/PDC signals

Some broadcast systems transmit VPS (Video Programme System) or PDC (Programme Delivery Control) signals with their TV programmes. These signals ensure that your timer recordings are made regardless of broadcast delays, early starts, or broadcast interruptions (when the VPS or PDC indicator in the display window is lit).

To use the VPS/PDC function, set VPS/PDC to OUI in step 4 above. You can also use the VPS/PDC function for a source connected to the LIGNE-1 (TV) and ENTREE LIGNE-2 connectors.

## To record satellite broadcasts

If you connect a satellite tuner and the VCR, you can record satellite programmes.

- 1** Turn on the satellite tuner.
- 2** On the satellite tuner, select the satellite programme for which you want to make a timer setting.
- 3** Follow steps 1 through 6 above.
- 4** Keep the satellite tuner turned on until the VCR finishes recording the satellite programme for which you have made a timer setting.



## To use the VCR after setting the timer

To use the VCR before a recording begins, just press **I/⏻**. The **⏻** indicator turns off and the VCR switches on. Remember to press **I/⏻** to reset the VCR to recording standby after using the VCR.



You can also do the following tasks while the VCR is recording:

- Reset the counter (page 41).
- Display tape information on the TV screen (page 43).
- Check the timer settings (page 61).
- Watch another TV programme (page 43).

## Tips

- To set the programme position, you can also use the CHAINE +/- or programme number buttons.
- To set the programme position with a two digit number, press -/- (ten's digit) button followed by the programme number buttons.
- To set the line input video source, you can also use the CHAINE +/- buttons.
- To set the tape speed, you can also use the SP/LP button.
- When you are recording a programme in the SP mode and the remaining tape becomes shorter than the recording time, the tape speed is automatically changed to the LP mode. Note that some interference will appear on the picture at the point the tape speed is changed. If you want to keep the same tape speed, set VITESSE AUTO. to NON in the OPTIONS-1 menu (page 69).
- To check, change, or cancel the programme setting, press /  to choose LISTE, then press OK in step 4. For details, see step 3 in "Checking/changing/cancelling timer settings" (page 61).

## Notes

- If the VPS/PDC signal is too weak or the broadcasting station failed to transmit VPS/PDC signals, the VCR will start recording at the set time without using the VPS/PDC function.
- The  indicator flashes in the display window when you press I/ with no tape inserted.
- When you set OPTIONS PROGRAMM. to NORMALE in the OPTIONS-2 menu, the SHOWVIEW menu does not appear on the TV screen. Select SHOWVIEW or MIXTE.
- The VPS/PDC function is automatically set to NON for the timer recording of a satellite programme.
- The station name may not appear if the VCR does not receive station name information signals.

# Setting the timer manually

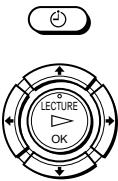
If the ShowView system is not available in your area, follow the instructions below to set the timer to record programmes.

## Before you start...

- Check that the VCR clock is set to the correct time and date.
- Insert a tape with its safety tab in place. Make sure the tape is longer than the total recording time.
- To record from a decoder, turn it on.
- Turn on your TV and set it to the video channel.
- Set OPTIONS PROGRAMM. to NORMALE or MIXTE in the OPTIONS-2 menu (see page 70).
- Refer to “Index to parts and controls” for button locations.

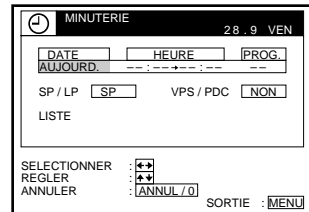
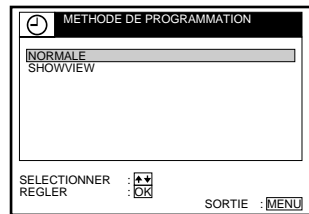
1

MINUTERIE



Press MINUTERIE.

- When you set OPTIONS PROGRAMM. to MIXTE: The METHODE DE PROGRAMMATION menu appears on the TV screen. Press / to select NORMALE, then press OK.
- When you set OPTIONS PROGRAMM. to NORMALE: The MINUTERIE menu appears on the TV screen.



2



Set the date, start and stop times, programme position or station name, tape speed, and VPS/PDC function:

1 Press **→** to highlight each item in turn.

2 Press **↑/↓** to set each item.

To correct a setting, press **←** to return to that setting and reset.

MINUTERIE			28.9 VEN
DATE	HEURE	PROG.	
AUJOURD.	19:00 → 20:00	35	
SP / LP	SP	VPS / PDC	NON
LISTE			
SELECTIONNER	REGLER	ANNULER	SORTIE : MENU

- To record the same programme every day or the same day every week, see “Daily/weekly recording” on page 55.
- To use the VPS/PDC function, set VPS/PDC to OUI. For details about the VPS/PDC function, see “Timer recording with VPS/PDC signals” on page 52.
- To record from a decoder or other source connected to the LIGNE-1 (TV) or ENTREE LIGNE-2 connector, press CHOIX ENTREE to display “L1” or “L2” in the “PROG.” position.

3



Press MENU to exit the menu.

4



Press **I/O** to turn off the VCR.

The **VCR** indicator appears in the display window and the VCR stands by for recording.

To record from a decoder or other source, leave the connected equipment switched on.

### To stop recording

To stop the VCR while recording, press **■ STOP**.

### Daily/weekly recording

In step 2 above, press **↓** to select the recording pattern. Each time you press **↓**, the indication changes as shown below. Press **↑** to change the indication in reverse order.

**AUJOURD.** → **DIM-SAM** (Sunday to Saturday) → **LUN-SAM** (Monday to Saturday) → **LUN-VEN** (Monday to Friday) → **SAM** (every Saturday) ..... → **LUN** (every Monday) → **DIM** (every Sunday) → 1 month later → (dates count down) → **DEMAIN** → **AUJOURD.**

*continued*

## Tips

- To set the programme position, you can also use the CHAINE +/- or programme number buttons.
- To set the programme position with a two digit number, press -/- (ten's digit) button followed by the programme number buttons.
- To set the line input video source, you can also use the CHAINE +/- buttons.
- To set the tape speed, you can also use the SP/LP button.
- When you are recording a programme in the SP mode and the remaining tape becomes shorter than the recording time, the tape speed is automatically changed to the LP mode. Note that some interference will appear on the picture at the point the tape speed is changed. If you want to keep the same tape speed, set VITESSE AUTO. to NON in the OPTIONS-1 menu (page 69).
- Even if you set OPTIONS PROGRAMM. to SHOWVIEW in the OPTIONS-2 menu, you can set the timer manually. Press MENU to select MINUTERIE, then go to step 2.
- To check, change, or cancel the programme setting, press ◀/▶ to choose LISTE, then press OK in step 2. For details, see step 3 in "Checking/changing/cancelling timer settings" (page 61).

## Notes

- When setting the timer with VPS/PDC signals, enter the start and stop times exactly as indicated in the TV programme guide. Otherwise, the VPS/PDC function won't work.
- If the VPS/PDC signal is too weak or the broadcasting station failed to transmit VPS/PDC signals, the VCR will start recording at the set time without using the VPS/PDC function.
- The Ⓢ indicator flashes in the display window when you press I/Ⓢ with no tape inserted.
- The VPS/PDC function is automatically set to NON for the timer recording of a satellite programme.
- The station name may not appear if the VCR does not receive station name information signals.



# Playing/searching at various speeds

Before you start...

- Refer to “Index to parts and controls” for button locations.

Playback options	Operation
View the picture during fast-forward or rewind	During fast-forward, hold down ►► ⏮ AV/►►. During rewind, hold down ◀◀ ⏭ RET/◀◀.
Play at high speed	During playback, press ►► ⏮ AV or ◀◀ ⏭ RET <u>on the remote commander</u> . During playback, hold down ►► ⏮ AV/►► or ◀◀ ⏭ RET/◀◀. When you release the button, normal playback resumes.
Play at twice the normal speed	During playback, press ×2.
Play in slow motion	During playback, press ►► RALENTI.
Play frame by frame	During pause, press ►► ⏮ AV or ◀◀ ⏭ RET <u>on the remote commander</u> . Hold down ►► ⏮ AV or ◀◀ ⏭ RET to play one frame each second.
Rewind and start play	During stop, press ▷ (play) <u>on the VCR</u> while holding down ◀◀ <u>on the VCR</u> .

Additional Operations

To resume normal playback

Press ▷ LECTURE.

Tip

- Adjust the picture using the CHAINE +/- buttons on the VCR if:
  - Streaks appear while playing in slow motion.
  - Bands appear at the top or bottom while pausing.
  - The picture shakes while pausing.
- To set tracking to the centre position, press both buttons (+/-) at the same time.

Notes

- The sound is muted during these operations.
- In the LP mode, noise may appear or there may be no colour.
- If the playback mode mark doesn’t appear on the TV screen, press Ⓢ AFFICH.
- The picture may show noise when playing at high speed.

continued

# Setting the recording duration time

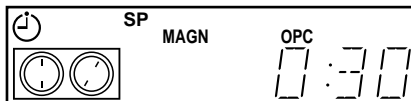
After you have started recording in the normal way, you can have the VCR stop recording automatically after a specified duration.

## Before you start...

- Refer to “Index to parts and controls” for button locations.

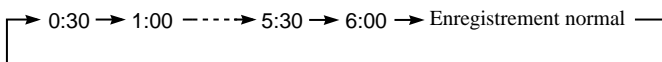
**1** While recording, press ● ENR.

The ☹ indicator appears in the display window.



**2** Press ● ENR repeatedly to set the duration time.

Each press advances the time in increments of 30 minutes.



The tape counter decreases minute by minute to 0:00, then the VCR stops recording and turns off automatically.

## To extend the duration

Press ● ENR repeatedly to set a new duration time.

## To cancel the duration

Press ● ENR repeatedly until the ☹ indicator disappears and the VCR returns to the normal recording mode.

## To stop recording

To stop the VCR while recording, press ■ STOP.

## Note

- You cannot display the current tape time in the display window when setting the recording duration time.

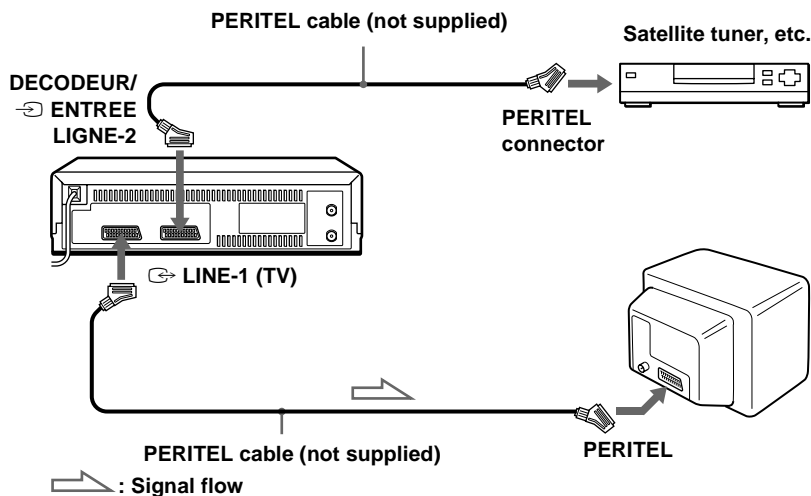
# Synchronized Recording

You can set the VCR to automatically record programmes from equipment such as a satellite tuner by connecting the equipment to the DECODEUR/ENTREE LIGNE-2 connector. The connected equipment must have a timer function for this feature to work.

When the connected equipment turns on, the VCR also automatically turns on and starts recording a programme from DECODEUR/ENTREE LIGNE-2.

## How to connect for Synchronized Recording

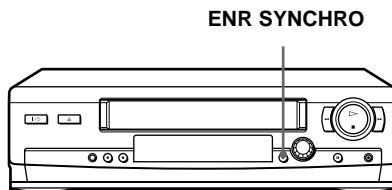
- Connect the DECODEUR/ENTREE LIGNE-2 connector of the VCR to the PERITEL connector of the satellite tuner. Then connect the LIGNE-1 (TV) connector to the TV.



## Recording programmes using the Synchronized Recording function

### Before you start...

- Insert a tape with its safety tab in place. Make sure the tape is longer than the total recording time.
- Set DECODEUR/LIGNE2 to LIGNE2 in the OPTIONS-2 menu (see page 70).
- Refer to "Index to parts and controls" for button locations.



*continued*

- 1** Press CHOIX ENTREE or CHAINE +/- to display “L2” in the display window.
- 2** Set the timer on the connected equipment to the time of the programme you want to record, then turn it off.
- 3** Press SP/LP to select the tape speed.
- 4** Hold down ENR SYNCHRO for more than two seconds.  
The ENR SYNCHRO button lights up and the VCR stands by for recording.  
The VCR automatically turns on and starts recording when it receives an input signal from the connected equipment.  
The VCR automatically stops recording when the tape reaches the end or when the connected equipment stops transmitting an input signal.

### **To cancel the Synchronized Recording function**

Press ENR SYNCHRO. The ENR SYNCHRO button turns off.

### **To stop recording**

- Press ■ STOP while recording.

### **Notes**

- This function may not work with some types of satellite tuners.
- Some TVs or other equipment with timer functions will automatically turn off if no operation is performed within a certain amount of time. In this case, the Synchronized Recording also stops automatically.
- When the connected equipment turns on while the ENR SYNCHRO button is lit, recording starts automatically.
- If the settings for timer recording and Synchronized Recording overlap, the programme that starts first has priority and the second programme starts recording only after the first programme has finished.
- The Auto Clock Set function does not work while the VCR stands by for Synchronized Recording.

# Checking/changing/cancelling timer settings

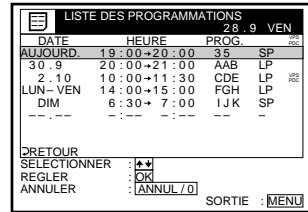
## Before you start...

- Turn on your TV and set it to the video channel.
- Refer to “Index to parts and controls” for button locations.

- 1 Press **I/⏻** to turn on the VCR.
- 2 Press **MENU**, then press **↑/↓** to highlight **LISTES** and press **OK**.

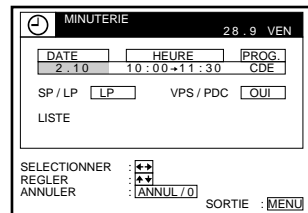
- 3 Press **↑/↓** to highlight **LISTE DES PROGRAMMATIONS**, then press **OK**:

- If you want to change or cancel a setting, go on to the next step.
- If you do not need to change or cancel the settings, press **MENU**, then turn off the VCR to return to recording standby.



- 4 Press **↑/↓** to select the setting you want to change or cancel, then press **OK**.

The selected setting appears in the **MINUTERIE** menu.



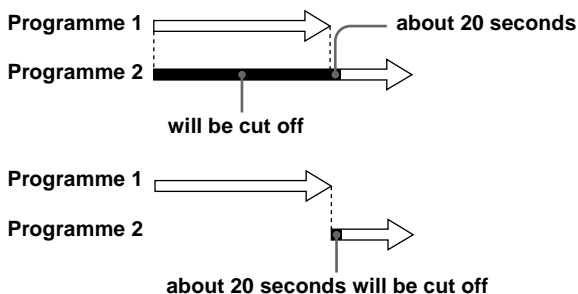
- 5 • To change the setting, press **←/→** to highlight the item you want to change, then press **↑/↓** to reset it.
- To cancel the setting, press **ANNUL/0**.

- 6 Press **MENU** to exit the menu.

If any settings remain, turn off the VCR to return to recording standby.

## When the timer settings overlap

The programme that starts first has priority and the second programme starts recording only after the first programme has finished. If the programmes start at the same time, the programme listed first in the menu has priority.



### Tip

- In step 6 above, you can check the LISTE DES PROGRAMMATIONS by selecting LISTE and pressing OK. Press MENU to exit the LISTE DES PROGRAMMATIONS.

# Searching using the Acces Smart function

If you record multiple programmes on a tape, use the Acces Smart function to see what has been recorded on your tape. You can see information such as date, time, and programme position of programmes recorded on a tape. You can also start playback directly from the selected programme using the ACCES SMART screen.

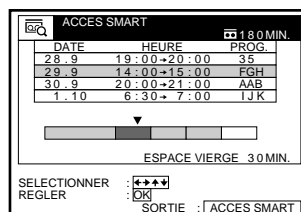
All programmes are listed on the screen, regardless of how the programme was recorded.

The data of the last tape inserted into the VCR is automatically stored in memory. If you want to recall the latest data screen, select **DONNEES RECENTES** in the **ACCES SMART** screen (see page 64).

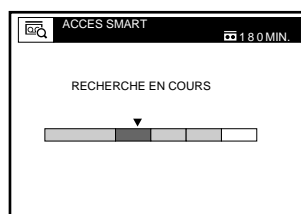
## Before you start...

- Turn on your TV and set it to the video channel.
- Refer to “Index to parts and controls” for button locations.

- 1 After recording, press **I/⏻** to turn on the VCR.
- 2 Press **ACCES SMART**.
- 3 Press **↑/↓/←/→** to select the programme you want to start viewing.



- 4 Press **OK**.  
The VCR starts searching, and playback starts automatically from the beginning of the selected programme.



## To stop searching

Press **■ STOP**.

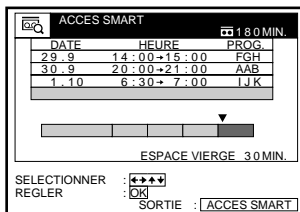
## To exit the ACCES SMART screen

Press **ACCES SMART**.

*continued*

## To record in a blank space

Blank space on the tape will appear as a blank row in the ACCES SMART screen. Select the last blank row in step 3, then press OK. The VCR rewinds/fast-forwards the tape to the beginning of the blank space, then stops. Start recording. Note that “ESPACE VIERGE” and the remaining time indication only refers to the length of the last blank space.



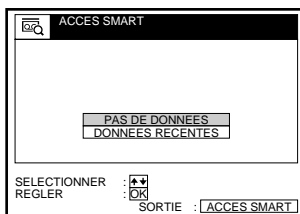
## To recall the latest data screen after you remove the tape

You can display the data of the last tape used to record a programme, even after you have removed the tape.

If you reinsert the tape and record additional programmes, be sure to select **DONNEES RECENTES**. Otherwise, all of the data for the tape is deleted.

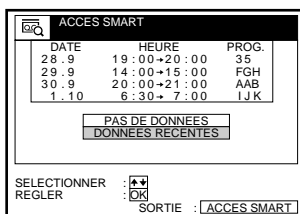
**1** Reinsert the last tape that you used to record a programme.

**2** Press **ACCES SMART**.



**3** Press **↑/↓** to highlight **DONNEES RECENTES**.

If you want to reset the latest data screen, highlight **PAS DE DONNEES** and press **OK**, then record a programme.



**4** Press **OK**.

The latest data stored in the VCR's memory is displayed.

### Tips

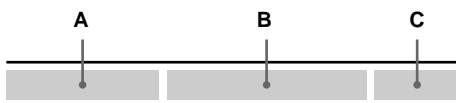
- You can store information for up to 24 programmes on a single list.
- While recording, you can display the ACCES SMART screen using the ACCES SMART button. If you decide to stop recording, press ACCES SMART to make the ACCES SMART screen disappear first. Then press **■ STOP**.



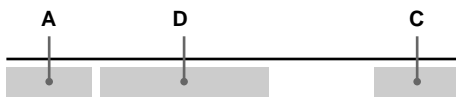
## Notes

- You cannot use this function unless the clock is set.
- Depending on the tape, the total or remaining time may not appear correctly.
- If many short programmes are recorded on a tape, multiple programmes may be included in a single block. In this case, only the latest programme information will appear in the ACCES SMART screen.
- Blank time is measured from the end of the last recorded programme to the end of the tape. However, if you eject the tape and then make a new recording on the same tape, the original recorded programme(s) is displayed as a blank space.
- If no information is stored in the VCR's memory, **DONNEES RECENTES** does not appear in the ACCES SMART screen.
- The station name may not appear if the VCR does not receive station name information signals.
- If you start recording a programme "D" from the middle of a previously recorded programme "A" and into another previously recorded programme "B," the Acces Smart information for the second programme "B," which is recorded over, is deleted.

### Originally recorded programmes





### Recording the programme "D" over the programme "A" and "B"

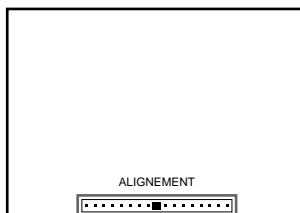


# Adjusting the picture

## Adjusting the tracking

Although the VCR automatically adjusts the tracking when playing a tape (the  indicator flashes in the display window, then turns off), distortion may occur if the recording is in poor condition. In this case, manually adjust the tracking.

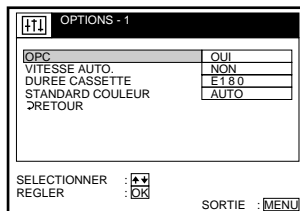
During playback, press CHAINE +/- on the VCR to display the tracking meter. The distortion should disappear as you press one of the two buttons (the  indicator lights up). To resume automatic tracking adjustments, eject the tape and re-insert it.



Tracking meter

## About the Optimum Picture Control (OPC) function

The Optimum Picture Control (OPC) function automatically improves recording and playback quality by adjusting the VCR to the condition of the video heads and tape. To maintain better picture quality, we recommend that you set OPC to OUI in the OPTIONS-1 menu (the OPC indicator lights up in the display window). For details, see page 69.



## OPC playback

The OPC function automatically works on all types of tapes, including rental tapes and tapes that were not recorded with OPC.

## OPC recording

Whenever you insert a tape and start recording for the first time, the VCR adjusts to the tape using the OPC function (the OPC indicator flashes rapidly). This adjustment is retained until the tape is ejected.

## To deactivate the OPC function

Set OPC to NON in the OPTIONS-1 menu. The OPC indicator in the display window turns off.

### Tip

- To set tracking to the centre position, press the CHAINE + and – buttons at the same time.

## Notes

- You can adjust the tracking for an NTSC-recorded tape but the tracking meter won't be displayed.
- With the Auto Long Play function on, the OPC function will work only in SP mode. If the tape speed automatically switches from SP to LP, the OPC function turns off. If, however, the entire programme is recorded in LP mode, the OPC function will work.
- There is a delay of about ten seconds before the VCR actually starts recording while the VCR analyses the tape. To avoid the delay, first set the VCR to recording pause (the OPC indicator flashes slowly) and press ● ENR to have the VCR analyse the tape (the OPC indicator flashes rapidly) and return to recording pause. After the OPC indicator stops flashing, press ■ PAUSE to start recording immediately.

If you want to start recording quickly without using the OPC function, first set the VCR to recording pause (the OPC indicator flashes slowly) and press ■ PAUSE again to start recording.

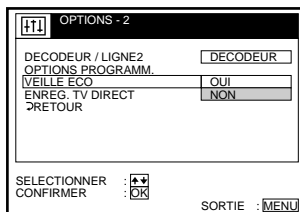
# Reducing the VCR's power consumption

You can turn off the indicators in the display window when the VCR is off (standby mode) to reduce the VCR's power consumption.

**1** Press MENU, then select OPTIONS, then press OK.

**2** Press **↑/↓** to highlight OPTIONS-2, then press OK.

**3** Press **↑/↓** to select VEILLE ECO, then press OK.



**4** Press **↑/↓** to highlight OUI, then press OK.

**5** Press MENU to return to the original screen.

## Tip

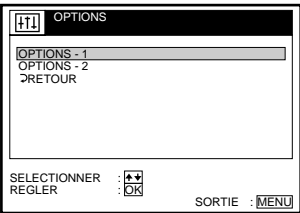
- To ensure that the power consumption is at the lowest possible level, set DECODEUR/LIGNE2 in the OPTIONS-2 menu to LIGNE2 (page 70).

## Note

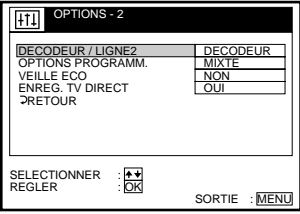
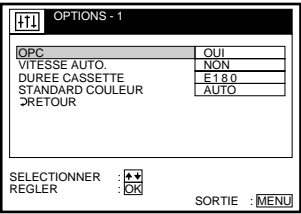
- When the VCR stands by for recording, the indicators in the display window remain lit even when VEILLE ECO is set to OUI.

# Changing menu options

- 1 Press MENU, then select OPTIONS and press OK.



- 2 Press **↑/↓** to highlight OPTIONS-1 or OPTIONS-2, then press OK.



- 3 Press **↑/↓** to select the option, then press OK.

- 4 Press **↑/↓** to change the setting, then press OK.

- 5 Press MENU to return to the original screen.

## Menu choices

Initial settings are indicated in bold print.

### OPTIONS-1

Menu option	Set this option to
OPC	<ul style="list-style-type: none"><li>• <b>OUI</b> to switch on the OPC (Optimum Picture Control) function and improve picture quality.</li><li>• NON to switch off OPC.</li></ul>
VITESSE AUTO.	<ul style="list-style-type: none"><li>• OUI to change the timer recording tape speed automatically to the LP mode when the remaining tape length becomes shorter than the recording time. Note that for VITESSE AUTO. to work correctly, the DUREE CASSETTE setting must be accurate.</li><li>• <b>NON</b> to keep the set tape speed.</li></ul>

Menu option	Set this option to
DUREE CASSETTE	<ul style="list-style-type: none"> <li>• <b>E180</b> to use an E-180 or shorter type tape.</li> <li>• E195 to use an E-195 type tape.</li> <li>• E240 to use an E-240 type tape.</li> <li>• E300 to use an E-300 type tape.</li> </ul>
STANDARD COULEUR	<ul style="list-style-type: none"> <li>• <b>AUTO</b> to set the colour system automatically.</li> <li>• PAL to play back a tape recorded in the PAL colour system.</li> <li>• SECAM to play back a tape recorded in the SECAM colour system.</li> <li>• MESECAM to play back a tape recorded in the MESECAM colour system.</li> </ul> <p>If you press <b>▲</b> EJECT or turn the VCR off, STANDARD COULEUR will be reset to AUTO. For details, see page 40.</p>

## OPTIONS-2

Menu option	Set this option to
DECODEUR/LIGNE2	<ul style="list-style-type: none"> <li>• <b>DECODEUR</b> to use the DECODEUR/ENTREE LIGNE-2 connector as the Canal Plus decoder connector.</li> <li>• LIGNE2 to use the DECODEUR/ENTREE LIGNE-2 connector as the line input connector.</li> </ul>
OPTIONS PROGRAMM.	<ul style="list-style-type: none"> <li>• <b>MIXTE</b> to display the METHODE DE PROGRAMMATION menu for selecting NORMALE or SHOWVIEW when pressing the <b>⌚</b> MINUTERIE button.</li> <li>• NORMALE to display the MINUTERIE menu when pressing the <b>⌚</b> MINUTERIE button.</li> <li>• SHOWVIEW to display the SHOWVIEW menu when pressing the <b>⌚</b> MINUTERIE button.</li> </ul> <p>For details, see page 50 and 54.</p>
VEILLE ECO	<ul style="list-style-type: none"> <li>• <b>OUI</b> to turn off the indicators in the display window during standby mode to reduce the VCR's power consumption to a minimum. To ensure that power consumption is at the lowest possible level, set DECODEUR/LIGNE2 in the OPTIONS-2 menu to LIGNE2.</li> <li>• <b>NON</b> to turn on the indicators in the display window while the VCR is standing by.</li> </ul>
ENREG. TV DIRECT	<ul style="list-style-type: none"> <li>• <b>OUI</b> to activate the TV Direct Rec function.</li> <li>• <b>NON</b> to deactivate it.</li> </ul>

### Note

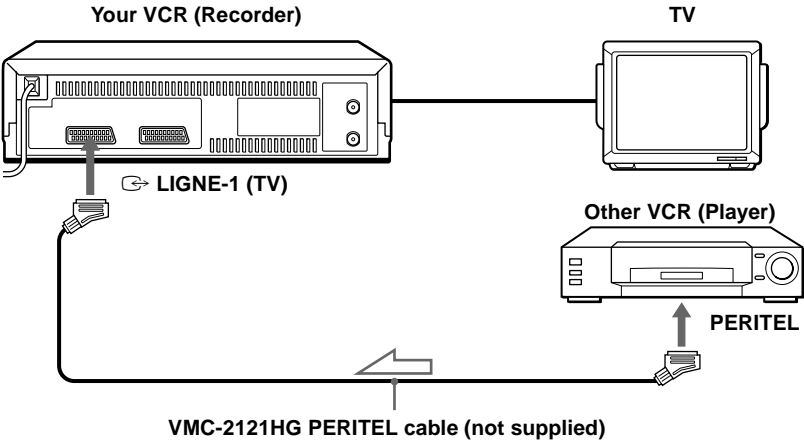
- When the VCR stands by for recording, the indicators in the display window remain lit even when VEILLE ECO is set to OUI.

# Editing with another VCR

## How to connect to record on this VCR

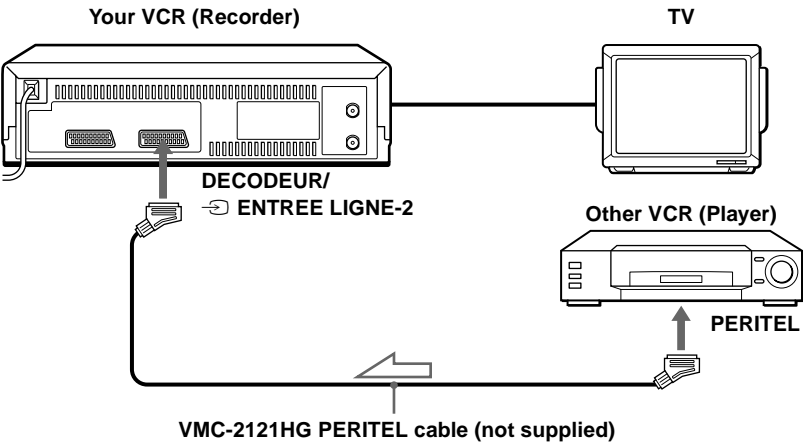
Connect the line outputs of the other VCR to the LIGNE-1 (TV) or ENTREE LIGNE-2 connector of this VCR. Refer to the examples A and B and choose the connection that best suits your VCR.


### Example A



 : Signal flow

### Example B



 : Signal flow

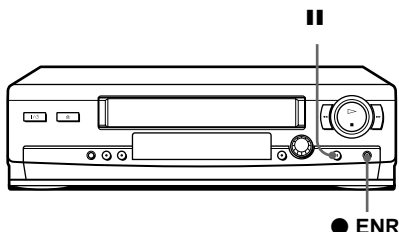
## Notes

- If you connect this VCR to both the ENTREE LIGNE and SORTIE LIGNE jacks of the other VCR, select the input correctly to prevent a humming noise.
- If the other VCR does not have a PERITEL connector, use the VMC-2106HG cable instead and connect the cable to the line out jacks of the other VCR.
- When you connect another VCR to the DECODEUR/ENTREE LIGNE-2 connector, set DECODEUR/LIGNE2 to LIGNE2 in the OPTIONS-2 menu.

## Operation (when recording on this VCR)

### Before you start editing

- Turn on your TV and set it to the video channel.
- Press CHOIX ENTREE to display “L1” or “L2” in the display window.
- Press SP/LP to select the tape speed, SP or LP.



- 1** Insert a source tape with its safety tab removed into the other (playback) VCR. Search for the point to start playback and set it to playback pause.
- 2** Insert a tape with its safety tab in place into this (recording) VCR. Search for the point to start recording and press **II** (pause).
- 3** Press **● ENR** on this VCR to set it to recording pause.
- 4** To start editing, press the **II** (pause) buttons on both VCRs at the same time.

### To stop editing

Press the **■** (stop) buttons on both VCRs.

### Tip

- To cut out unwanted scenes while editing, press **II** (pause) on this VCR when an unwanted scene begins. When it ends, press **II** (pause) again to resume recording.


### Note

- If you start editing following the procedure above, the VCR won't start recording with the OPC function. To record a tape with the OPC function, press **● ENR** again during recording pause in step 3 so the VCR analyses the tape. Then, press **II** (pause) after the OPC indicator stops flashing to start recording. If you press **II** (pause) before the OPC indicator stops flashing, the OPC function is cancelled.



# Troubleshooting

If you have any questions or problems not covered below, please consult your nearest Sony service facility.

	Symptom	Remedy
Power	The I/⏻ (marche/veille) switch does not function.	<ul style="list-style-type: none"><li>• Connect the mains lead to the mains securely.</li></ul>
	The power is turned on but the VCR does not operate.	<ul style="list-style-type: none"><li>• Moisture condensation has occurred. Turn the power off, unplug the mains lead and leave the VCR to dry for over three hours.</li></ul>
	The VCR is plugged in but the display window remains dark.	<ul style="list-style-type: none"><li>• Set VEILLE ECO in the OPTIONS-2 menu to NON (see page 70).</li></ul>
Clock	The clock has stopped and “-:-” appears in the display window.	<ul style="list-style-type: none"><li>• The clock stops if the VCR is disconnected from the mains for more than one hour. Reset the clock (and timer).</li></ul>
Playback	The playback picture does not appear on the TV screen.	<ul style="list-style-type: none"><li>• Make sure the TV is set to the video channel. If you are using a monitor, set it to video input.</li><li>• If the VCR is connected to the TV with the PERITEL cable, make sure the MAGN indicator is lit in the display window. Use the  TV/MAGN button on the remote commander to light up the MAGN indicator.</li></ul>
	The picture is not clear.	<ul style="list-style-type: none"><li>• If your TV is connected to the VCR with both PERITEL and aerial cables, make sure the RF channel is set to OFF (see page 19).</li><li>• Existing broadcasts may interfere with the VCR. Reset the RF channel output of your VCR.</li><li>• Adjust the tracking with the CHAINE +/- buttons <u>on the VCR</u>.</li><li>• The video heads are dirty (see the last page of Troubleshooting). Clean the video heads using the Sony T-25CLD, E-25CLDR, or T-25CLW video head cleaning cassette. If these cleaning cassettes are not available in your area, have the heads cleaned at your nearest Sony service facility (a standard service charge will be required). Do not use a commercially available liquid type cleaning cassette other than Sony’s, as it may damage the video heads.</li><li>• The video heads may have to be replaced. Consult your local Sony service facility for more information.</li></ul>
	The picture has no colour.	<ul style="list-style-type: none"><li>• The STANDARD COULEUR option in the OPTIONS-1 menu is set to the wrong position. Set the option to conform to the system that the tape was recorded in.</li></ul>


	Symptom	Remedy
Playback	The picture rolls vertically during picture search.	<ul style="list-style-type: none"> <li>Adjust the vertical hold control on the TV or monitor.</li> </ul>
	The picture has no sound.	<ul style="list-style-type: none"> <li>The tape is defective.</li> <li>If you made A/V connections, check the audio cable connection.</li> </ul>
Recording	No TV programme appears on the TV screen.	<ul style="list-style-type: none"> <li>Make sure the TV is set to the video channel. If you are using a monitor, set it to video input.</li> <li>If your TV is connected to the VCR with both PERITEL and aerial cables, make sure the RF channel is set to OFF (see page 19).</li> <li>Existing broadcasts may interfere with the VCR. Reset the RF channel output of your VCR.</li> <li>Select the correct source with the CHOIX ENTREE button. Select a programme position when recording TV programmes; select "L1" or "L2" when recording from other equipment.</li> </ul>
	TV reception is poor.	<ul style="list-style-type: none"> <li>Make sure the aerial cable is connected securely.</li> <li>Adjust the TV aerial.</li> <li>Make sure NORME (L or B/G) in the REGLAGE DES CHAINES menu is set to the same system used in your local area.</li> </ul>
	The tape starts playing as soon as it is inserted.	<ul style="list-style-type: none"> <li>The safety tab has been removed. To record on this tape, cover the tab hole (see page 43).</li> </ul>
	The tape is ejected when you press ● ENR.	<ul style="list-style-type: none"> <li>The safety tab has been removed. To record on this tape, cover the tab hole (see page 43).</li> </ul>
	Nothing happens when you press ● ENR.	<ul style="list-style-type: none"> <li>Make sure the tape is not at its end.</li> </ul>
Timer recording	The timer does not operate.	<ul style="list-style-type: none"> <li>Check that the clock is set.</li> <li>Make sure a tape has been inserted.</li> <li>Check that the safety tab has not been removed.</li> <li>Make sure the tape is not at its end.</li> <li>Make sure a programme has been set for timer recording.</li> <li>Make sure your timer settings are past the current time.</li> <li>Check that the decoder is turned on.</li> <li>Check that the satellite tuner is turned on.</li> <li>The clock stops if the VCR is disconnected from the mains for more than one hour. Reset the clock and timer.</li> <li>Turn the power off and unplug the mains lead.</li> </ul>
	The SHOWVIEW menu or the MINUTERIE menu does not appear.	<ul style="list-style-type: none"> <li>Check that OPTIONS PROGRAMM. in the OPTIONS-2 menu is set correctly (see page 70).</li> </ul>

	Symptom	Remedy
Timer recording	The VPS/PDC function does not operate properly.	<ul style="list-style-type: none"> <li>• Check that the clock and the date are set correctly.</li> <li>• Check that the VPS/PDC time you set is the correct one (there might be a mistake in the TV programme guide). If the broadcast you wanted to record did not send the good VPS/PDC information, the VCR will not start recording.</li> <li>• If the reception is poor, the VPS/PDC signal might be altered and the VCR might not start recording.</li> </ul>
	The ENR SYNCHRO button turns off while recording or does not go back to recording standby mode.	<ul style="list-style-type: none"> <li>• The tape has reached its end. Insert a new tape and press ENR SYNCHRO again.</li> </ul>
Synchronized Recording	The Synchronized Recording function does not work.	<ul style="list-style-type: none"> <li>• The connected equipment was not turned off. Turn off the connected equipment and press ENR SYNCHRO again.</li> <li>• There was a power failure. Press ENR SYNCHRO again.</li> </ul>
	The programme recorded with the Synchronized Recording function is incomplete.	<ul style="list-style-type: none"> <li>• If the settings for timer recordings and Synchronized Recording overlap, the programme that starts first has priority and the second programme starts recording only after the first programme has finished.</li> <li>• There was a power failure. Press ENR SYNCHRO again.</li> </ul>
	You cannot set the channel as Canal Plus in the REGLAGE DES CHAINES menu.	<ul style="list-style-type: none"> <li>• Check that DECODEUR/LIGNE2 in the OPTIONS-2 menu is set to DECODEUR (see page 70).</li> </ul>
Canal Plus	You cannot watch the Canal Plus programme when the VCR is in standby mode.	<ul style="list-style-type: none"> <li>• Check that DECODEUR/LIGNE2 in the OPTIONS-2 menu is set to DECODEUR (see page 70).</li> <li>• Make sure the Canal Plus PERITEL cable is plugged securely.</li> </ul>
	The Canal Plus programme is always recorded scrambled.	<ul style="list-style-type: none"> <li>• Make sure the Canal Plus PERITEL cable is plugged securely.</li> <li>• Check that DECODEUR/LIGNE2 in the OPTIONS-2 menu is set to DECODEUR (see page 70).</li> <li>• Check that this channel is set as Canal Plus in the REGLAGE DES CHAINES menu (see page 36).</li> </ul>
	A tape cannot be inserted.	<ul style="list-style-type: none"> <li>• Check that a tape isn't already in the tape compartment.</li> </ul>
Others	The remote commander does not function.	<ul style="list-style-type: none"> <li>• Make sure you are pointing the remote commander at the remote sensor on the VCR.</li> <li>• Replace all the batteries in the remote commander with new ones if they are weak.</li> <li>• Make sure the <b>[TV]</b> / <b>[MAGN]</b> remote control switch is set correctly.</li> </ul>
	"L2" does not appear in the display window.	<ul style="list-style-type: none"> <li>• Check that DECODEUR/LIGNE2 in the OPTIONS-2 menu is set to LIGNE2 (see page 70).</li> </ul>


	Symptom	Remedy
<b>Others</b>	The SMARTLINK function does not work.	<ul style="list-style-type: none"> <li>• Check that your TV complies with SMARTLINK, MEGALOGIC, EASYLINK, Q-Link, EURO VIEW LINK, or T-V LINK.</li> <li>• Make sure you use the PERITEL cable to connect the VCR and your TV.</li> <li>• Make sure the PERITEL cable is connected securely.</li> </ul>
	The tracking meter does not appear on the TV screen.	<ul style="list-style-type: none"> <li>• The recording condition of the tape is very poor and tracking cannot be adjusted.</li> <li>• The tracking meter does not appear when playing back an NTSC-recorded tape.</li> </ul>
	The display window becomes dim.	<ul style="list-style-type: none"> <li>• The display window automatically becomes dim when the VCR is in standby or timer recording mode.</li> </ul>
	The VCR needs to be cleaned.	<ul style="list-style-type: none"> <li>• Clean the cabinet, panel and controls with a dry, soft cloth, or a soft cloth slightly moistened with a mild detergent solution. Do not use any type of solvent, such as alcohol or benzene.</li> </ul>

#### Symptoms caused by contaminated video heads


• Normal picture




• Rough picture




• Unclear picture



• No picture (or black & white screen appears)



initial  
contamination



terminal

# Specifications

## System

Channel coverage

SECAM (L):

VHF F2 to F10

UHF F21 to F69

CATV B to Q

HYPER S21 to S41

PAL (B/G):

VHF E2 to E12

VHF Italian channel A to H

UHF E21 to E69

CATV S01 to S05, S1 to S20

HYPER S21 to S41

RF output signal

UHF channels 21 to 69

Aerial out

75-ohm asymmetrical aerial socket

Tape speed

SP: PAL 23.39 mm/s (recording/  
playback)

NTSC 33.35 mm/s (playback  
only)

SECAM 23.39 mm/s (recording/  
playback)

MESECAM 23.39 mm/s (playback  
only)

LP: PAL 11.70 mm/s (recording/  
playback)

NTSC 16.67 mm/s (playback  
only)

SECAM 11.70 mm/s (recording/  
playback)

MESECAM 11.70 mm/s (playback  
only)

EP: NTSC 11.12 mm/s (playback  
only)

Maximum recording/playback time

10 hrs. in LP mode (with E300 tape)

Fast-forward and rewind time

Approx. 3 min. (with E180 tape)

## Inputs and outputs

↪ LIGNE-1 (TV)

21-pin

Video input: pin 20

Audio input: pins 2 and 6

Video output: pin 19

Audio output: pins 1 and 3

DECODEUR/↪ ENTREE LIGNE-2

21-pin

Video input: pin 20

Audio input: pins 2 and 6

## General

Power requirements

220 – 240 V AC, 50 Hz

Power consumption

18 W

1.5 W (VEILLE ECO is set to OUI,  
minimum)

Operating temperature

5°C to 40°C

Storage temperature

–20°C to 60°C

Dimensions

Approx. 355 × 96 × 288 mm (w/h/d)  
including projecting parts and controls

Mass

Approx. 3.7 kg

## Supplied accessories

Remote commander (1)

R6 (size AA) batteries (2)

Aerial cable (1)

Design and specifications are subject to  
change without notice.

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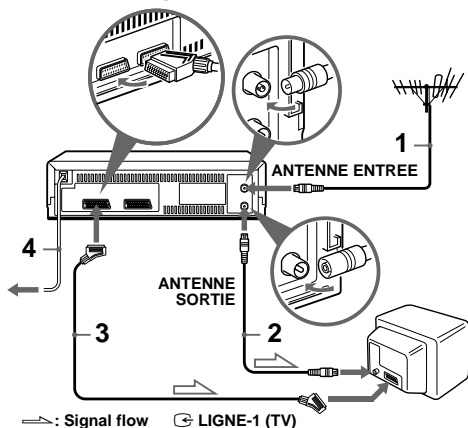
## V

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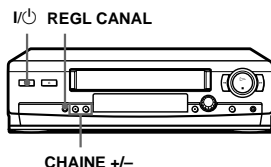
# Quick Start Guide

## 1 Connecting the VCR

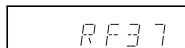


- 1 ... Connect the aerial to ANTENNE ENTREE of the VCR.
- 2 ... Connect ANTENNE SORTIE the aerial input of your TV using the supplied aerial cable.
- 3 ... For better picture and sound, connect LIGNE-1 (TV) to your TV using a PERITEL cable if your TV has a PERITEL connector.
- 4 ... Connect the mains lead to the mains.

## 2 Tuning your TV to the VCR



- A** If your TV does not have a PERITEL connector
- 1 ... Press I/⏻ (marche/veille) to turn on the VCR.
  - 2 ... Press REGL CANAL on the VCR lightly.



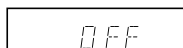
- 3 ... Turn on your TV and select a programme position for the VCR picture.
- 4 ... Press REGL CANAL.
- 5 ... Press CHAINE +/- to select the TV system ("G" for B/G, "L" for L).

- 6 ... Tune the TV to the same channel shown in the VCR display window so that MAGNETOSCOPE SONY appears clearly on the TV screen. Refer to your TV's instruction manual for tuning instructions.

- 7 ... Press REGL CANAL.

### **B** If your TV has a PERITEL connector

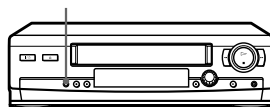
- 1 ... Press I/⏻ (marche/veille) to turn on the VCR.
- 2 ... Press REGL CANAL on the VCR lightly.
- 3 ... Press CHAINE +/- to set the RF channel to OFF.



- 4 ... Press REGL CANAL.

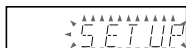
## 3 Using the Auto Set Up function

REGLAGE AUTO



You can preset channels

Hold down REGLAGE AUTO for three seconds.



When all the receivable channels are preset, "SET UP" disappears from the display window. You can rearrange the programme position to your favourite order (see "Changing/disabling programme positions").

### **Note**

- The Auto Set Up function may require a long time to complete (approximately 15 to 18 minutes).

**Now you can operate your VCR.**